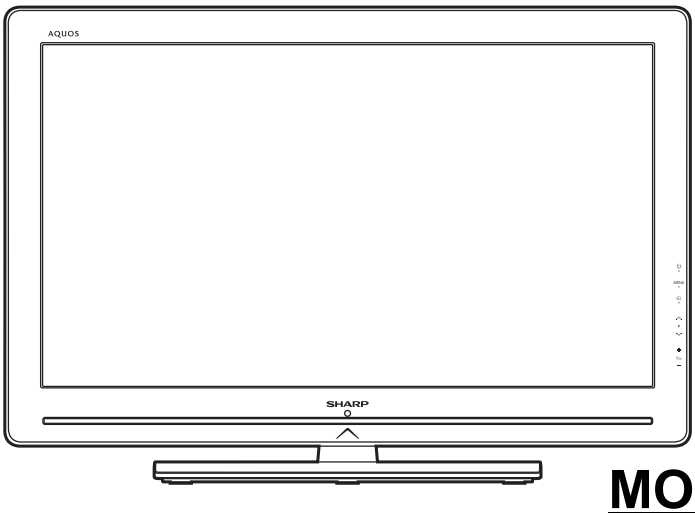
SHARP

SERVICE MANUAL

No.

LED COLOUR TELEVISION



LC-19LE430E/UK
LC-22LE430E/UK
LC-26LE430E/UK
MODELS LC-32LE430E/UK

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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Parts marked with ⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY PRECAUTION

■ Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

■ WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION:
FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.
42" F901 (T6.3AH/250V)
26"/32" F901 (T5AH/250V)

■ BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

3. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
4. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
5. To be sure that no shock hazard exists, check for leakage current in the following manner.

• Plug the AC cord directly into a 220~240 volt AC outlet.

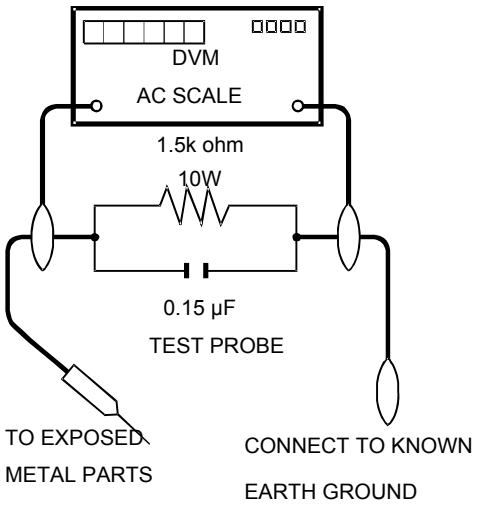
• Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15μF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

• Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.

• Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 1.05 V peak (this corresponds to 0.7 mA peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD color television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor

can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠ and shaded areas in the Replacement Parts List and Schematic Diagrams.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
  As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40 °C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220 °C which is higher than the conventional lead solder by 40 °C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.
  Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.
  If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
  When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

CHAPTER 1. OPERATION MANUAL

[1] SPECIFICATIONS

Specification

Item			19" LCD COLOUR TV, Model: LC-19LE430	22"LCD COLOUR TV, Model: LC-22LE430	26"LCD COLOUR TV, Model: LC-26LE430	32" LCD COLOUR TV, Model: LC-32LE430
LCD screen size			19" diagonal	22" diagonal	26" diagonal	32" diagonal
Number of dots			3,147,264 dots (1366 × 768 × 3 dots)	6,220,800 dots (1920 × 1080 × 3dots)	3,147,264 dots (1366 × 768 × 3 dots)	6,220,800 dots (1920 × 1080 × 3dots)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60			
TV Function	TV-Standard	Analogue	CCIR (B/G, I, D/K, L/L')			
		Digital	DVB-T (2K/8K OFDM), DVB-C			
	Receiving Channel	VHF/UHF	ATV : IRA-E69, DVB-T : E5-E69			
		CATV	S-band, S1–S41ch			
	TV-Tuning System		Auto Preset 1599 ch, Auto Label, Auto Sort			
	STEREO/BILINGUAL		NICAM/A2			
Audio amplifier			3W × 2	3W × 2	5W × 2	10W × 2
Speaker			30 (H) × 117 (W) × 23 (D) mm	30 (H) × 117 (W) × 23 (D) mm	38 (H) × 164 (W) × 23 (D) mm	30 (H) × 164 (W) × 32 (D) mm
Rear	Antenna		UHF/VHF 75Ω			
	RS-232C		D-sub 9 pin male connector			
	SCART		SCART (AV input, Y/C input, RGB input, TV output)			
	PC IN		D-sub 15 pin (AV input), Ø 3.5mm jack (Audio input)			
	Component		Y/Pb(Cb)/Pr(Cr), RCA pin (L/R)			
	SPDIF OUT		Digital audio output			
	AV OUT		RCA pin (AV output)			
	HDMI 1		Digital video and audio input			
Side	C. I. (Common Interface)		EN50221, R206001, CI Plus specification			
	AV IN		RCA pin (AV input)			
	USB		Software update, multi-media play			
	Headphones		Ø 3.5mm jack (Audio output)			
	HDMI 2		Digital video and audio input			
OSD language			English, German, French, Italian, Dutch, Spanish, Greek, Portuguese, Swedish, Finnish, Russian, Polish, Turkish, Hungarian, Czech, Slovak, Danish, Norwegian, Estonian, Latvian, Lithuanian, Slovenian, Bulgarian, Croatian, Romanian, Serbian, Ukrainian, Gaelic, Belarussian.			
Power Requirement			AC 220–240 V, 50 Hz			
Power Consumption			20W (Standby < 0.3W) (Method IEC62087)	30W (Standby < 0.3W) (Method IEC62087)	45W (Standby < 0.3W) (Method IEC62087)	90W (Standby < 0.3W) (Method IEC62087)
Weight			3.3kg (Without stand), 3.7kg (With stand)	4.0kg (Without stand), 4.5kg (With stand)	6.4kg (Without stand), 7.4kg (With stand)	8.8kg (Without stand), 10.1kg (With stand)
Operating temperature			0°C to + 40°C			

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

NOTE

- Refer to the inside back cover for dimensional drawings.
- Audio cannot be output through the HDMI terminal.

[2] OPERATION MANUAL

Remote control unit

(POWER)

Press to turn the LCD TV on or enter standby mode.

(INPUT SOURCE)

Select an input source.

0-9 DIGIT BUTTONS

To select a TV channel directly.

EPG

Press this button to display electronic programme guide when watching digital channels.

PRE PR

To display the previous selected TV channel.

DTV/ATV

Press this button to switch between ATV and DTV channels.

PR LIST

Press to display a list of channels. Then press **Red button** to select the digital or analogue channel list.(Only available when your input source is TV).

ECO

Press this button to set the picture with less brightness for saving energy.

Display programme information, if available.

(+/-)

Press to adjust the volume.

Press to toggle audio on and off. You can also press **(+/-)** to restore the previous volume level.

(Picture format)

Select picture format to **Auto** /**Normal** / **Zoom 1**/ **Zoom 2** /**Wide.**

P (∧/∨)

Press to select the channel.

DUAL

Select **MONO** / **STEREO** / **DUAL 1** / **DUAL 2** for ATV channel. Select Audio language for DTV channel.

AUDIO (ADJ)

Press to set the LCD TV to a predefined sound setting.

Personal / Music / Speech

VIDEO (ADJ)

Press to set the LCD TV to a predefined picture setting.

Personal / Standard / Vivid / Movie / Eco

SLEEP

Press to turn the LCD TV off within an amount of time. (10 ~ 120 minutes.)

∧∨<>

Press ooeptt to navigate and confirm your selection.

OK

Press to activate a setting.

MENU

Press to activate the LCD TV OSD.

EXIT

Press to exit the LCD TV OSD or return to the previous layer.

R/G/Y/B (COLOUR BUTTON)

Press buttons to select the pictures with various colours of text. Different channels display different functions.

TELETEXT

Press this button to activate Teletext. Press again to activate Teletext with TV.

Press again to turn off Teletext.

SUBTITLE

For DTV, press this button to toggle off / between available subtitle languages.

For ATV, press this button to toggle off / between available subtitle pages in Teletext.

SIZE

Press this button to change the font size: Full screen, Top half and Bottom half.

SUBPAGE

To select the subpage when the current page contains subpage(s).

INDEX

Press this button to return to page 100 or the index page; and then press 0 to 9. The teletext page will be numbered and added to the page you select or the secondary item.

HOLD

Press this button to stop the scrolling of pages. The text decoder stops receiving data.

REVEAL

Reveal hidden information such as answers to a quiz.

FREEZE

Press to freeze a moving image on the screen. (Only available when your input source is TV). Scart output signal will also be frozen when you are watching digital channels.

In USB mode:

(You need to programme the setting with remote control to control connected devices.)

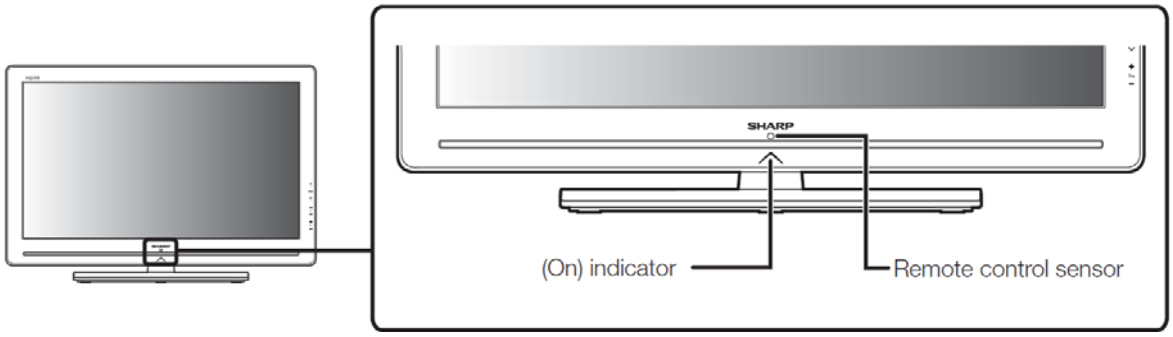
Press to skip back to the previous title or track.

Press to stop playback.

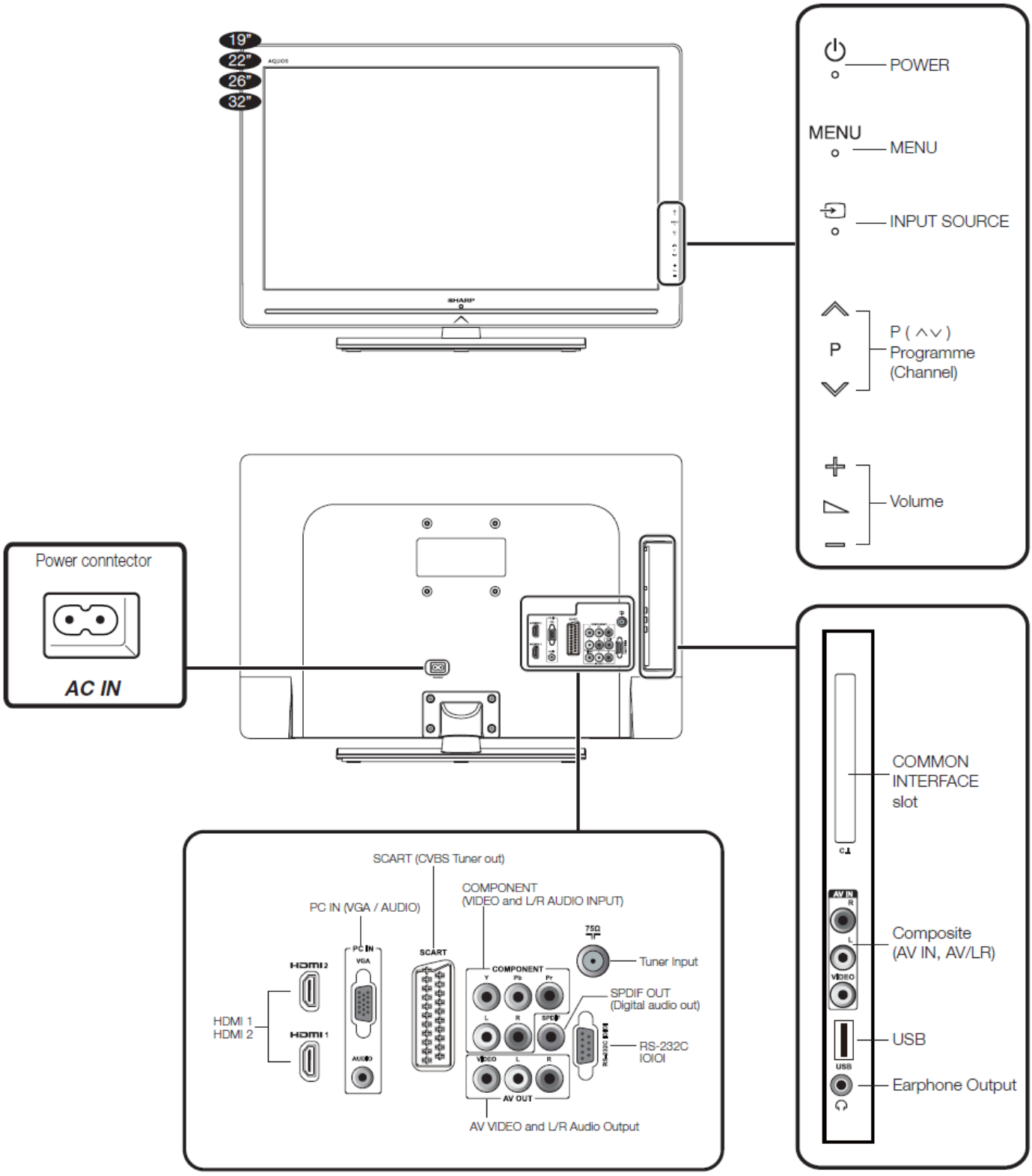
Press to start/pause playback. Caution: Do not freeze the video image for long periods of time. You may damage the TV screen.

Press to skip forward to the next title or track.

TV (Front view)



TV (Rear view)



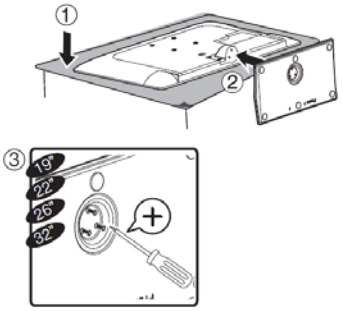
Preparation

Mount the TV base

1. Put the TV face down on a safe surface that is covered by a soft and smooth cloth.

2. Adjust the TV stand to the bottom of the TV. Please be sure the arrow heads are facing front.

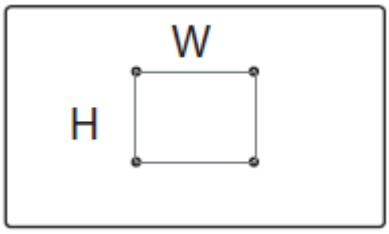
3. Fasten the screws by using a cross-head screwdriver(Not supplied).



NOTE:

To detach the TV stand, perform the steps in reverse order.

Wall mounting



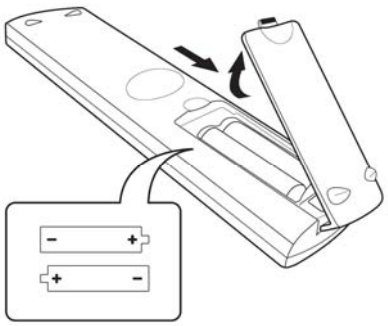
TV screen size (Inches)	VESAcompatible wall bracket (millimeters) (W x H)	Screw type
19”	75 x 75 mm	Metric 4 x 10 mm
22”	100 x 100 mm	Metric 4 x 10 mm
26”	100 x 100 mm	Metric 4 x 10 mm
32”	200 x 100 mm	Metric 4 x 10 mm

NOTE

- At the time of purchasing wall bracket, please check if there is enough space between the wall bracket and TV terminals for the terminal connection.

Installation of batteries

1. Insert two AAA batteries into Remote control. Make sure (+) and (−) are facing the proper direction.
2. Replace the cover



NOTE

- If the remote control will not to be used for a long time, remove the batteries to avoid remote control damage.

CAUTION:

Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

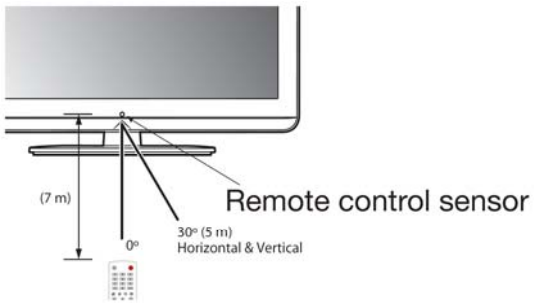
- Do not mix batteries of different types. Different types of batteries have different characteristics.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.
- Remove batteries as soon as they are worn out. Chemicals that leak from batteries come in contact with skin can cause a rash. If you find any chemical leakage, wipe thoroughly with a cloth.
- The batteries supplied with this product may have a shorter life expectancy due to storage conditions.
- If you will not be using the remote control unit for an extended period of time, remove batteries from it.

Note on disposing batteries:

The batteries provided contain no harmful materials such as cadmium, lead or mercury. Regulations concerning used batteries stipulate that batteries may no longer be thrown out with the household rubbish. Deposit any used batteries free of charge into the designated collection containers set up at commercial businesses.

Using the remote control

Use the remote control unit by pointing it towards the remote control sensor. Objects between the remote control unit and sensor may prevent proper operation.

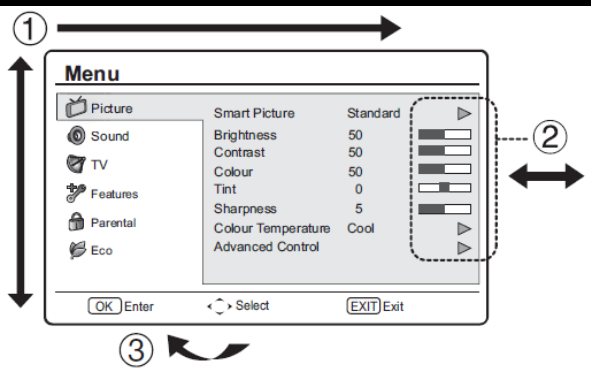


Display the Menu Screen

Press **MENU** and the menu screen displays.

Select an item by the remote control

1. Press <>≥ to select the desired menu.
2. Press ⩽⩾ to select / adjust the item to the desired level. The setting on screen is applied immediately.
3. Press EXIT to return to the previous layer .



Exit the Menu Screen

The operation will exit the menu screen if you press **EXIT** before it is complete.

Appendix

troubleshooting

problem	possible Solution
No picture	1. Connect power cord correctly. 2. Turn on power. 3. Connect signal cable correctly. 4. Press any button on the LCD TV.
Abnormal colours	Connect signal cable correctly.
Twisted picture	1. Connect signal cable correctly. 2. Please use compatible signal.
Picture too dark	Adjust brightness and contrast.
Audio only, no images	1. Please check if input signal is connected correctly. 2. TV-RF signal must not be lower than 50dB.
Picture only, no audio	1. Connect signal cable correctly. 2. Adjust volume to proper level. 3. Connect audio signal cable correctly. 4. TV-RF signal must not be lower than 50dB.
Cannot use remote control	1. Please change battery. 2. Turn off power for 10 seconds; and then restart power.
Cannot receive sufficient channels through antenna	Please use the Channel Scan function to increase the number of channels not included in memory.
No colour	Please adjust the colour setup.
Blinking picture accompanied by ghost image	1. Check the connection of antenna/signal cable. 2. Check if channel is in play mode. 3. Press signal source and change input mode.
Broken lines or segments	Adjust antenna. Keep the TV away from noise sources, such as automobiles, neon lights, and hair dryers.
Certain TV channels are blocked(Hope to acquire some channels)	Please use the Update Scan method to add the channels not included in memory.
Overlapping images or ghost images	Please use multi-directional outdoor antenna.(If your TV is subject to the influence of nearby mountains or buildings).
Cannot use a function	If the item you choose turns gray, that item cannot be selected.
Cannot receive programmes	Please use the Update Scan method to add the channels not included in memory.

Cautions regarding use in high and low temperature environments

- When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the LCD panel to malfunction.
- Storage temperature: +5°C to +35°C.

Information on the software license for this product

Software composition

The software included in this product is comprised of various software components whose individual copyrights are held by SHARP or by third parties.

Software developed by SHARP and open source software

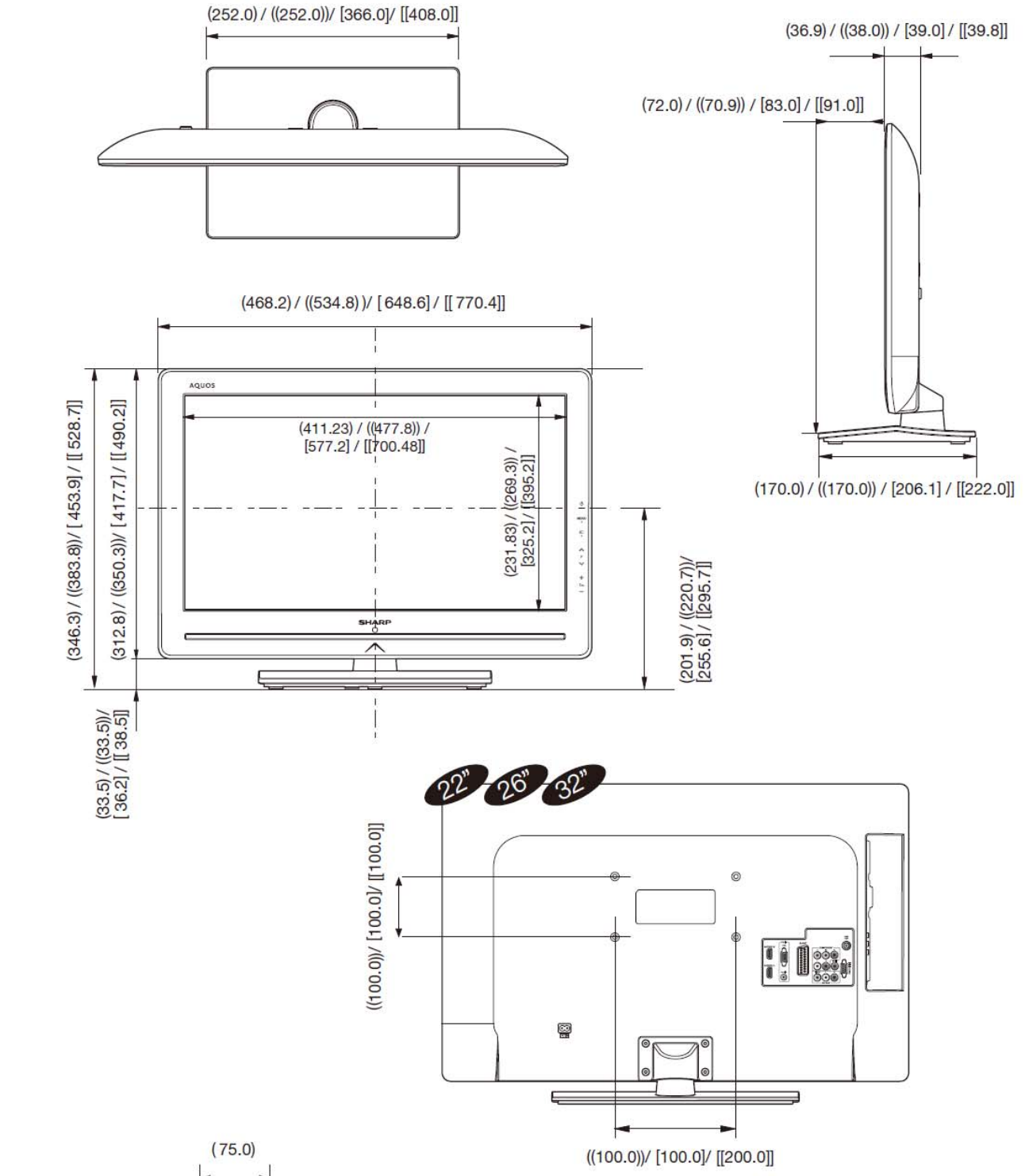
The copyrights for the software components and various relevant documents included with this product that were developed or written by SHARP are owned by SHARP and are protected by the Copyright Act, international treaties, and other relevant laws. This product also makes use of freely distributed software and software components whose copyrights are held by third parties. These include software components covered by a GNU General Public License (hereafter GPL), a GNU Lesser General Public License (hereafter LGPL) or other license Agreement.

Acknowledgements

The following open source software components are included in this product:
•linuxkernel•modutils•glibc•zlib•libpng

[3] DIMENSIONS

Dimension



( ) : 19"

(( )) : 22"

[ ] : 26"

[[ ]] : 32"

CHAPTER 2. REMOVING OF MAJOR PARTS

[1] REMOVING OF MAJOR PARTS(LC-19LE430E/UK)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 3 screws as Fig.3 and pull out the base as Fig.4

Fig.3

Fig.4

2. Remove the 4 screws. Detach the Base neck as Fig.4.

Step 2. Remove the REAR COVER Assy.

1. Remove the 5 screws. Detach the REAR COVER as Fig.5.

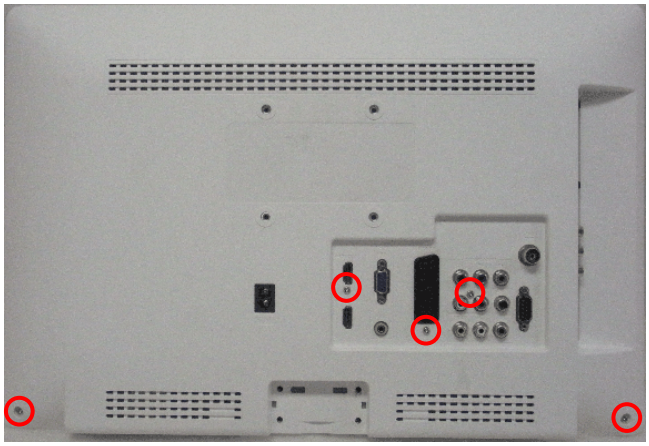
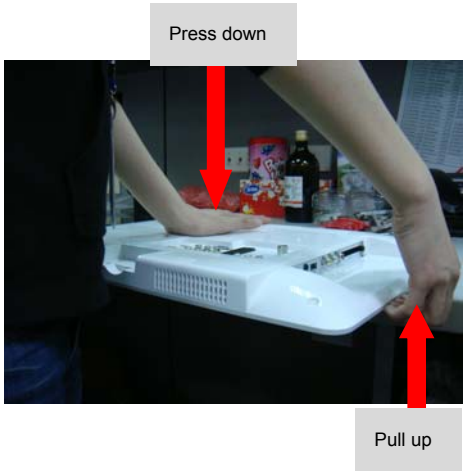
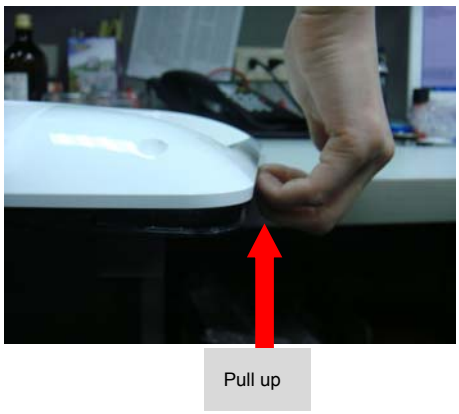
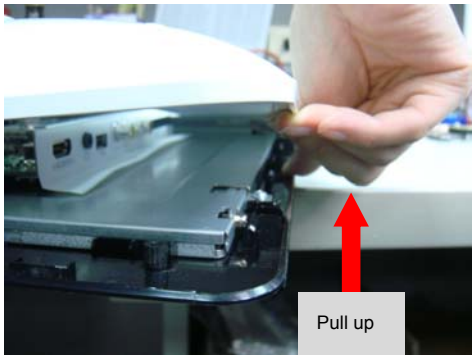


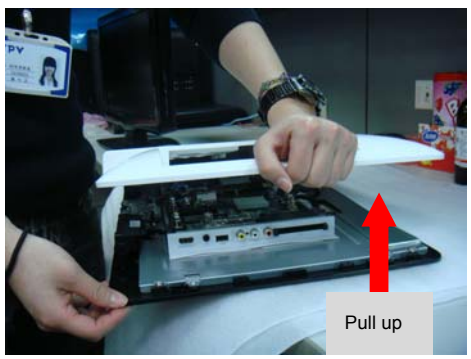
Fig.5

Note: How to easy remove rear cabinet









Step 3. Remove the Main, Power and the Speakers.

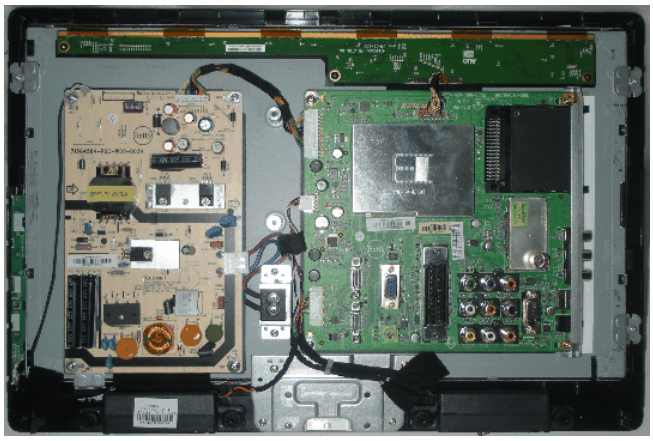


Fig.6

1. Disconnect 3 cables and the LVDS cable and remove the 5 screws. Detach the Main board as Fig.7 and Fig.8.

Note: Please disconnect the LVDS cable from the panel firstly, then disconnect the LVDS from the main board.

If you disconnect the LVDS cable with the Main board firstly, maybe the panel connector will be damaged because of the short LVDS cable.

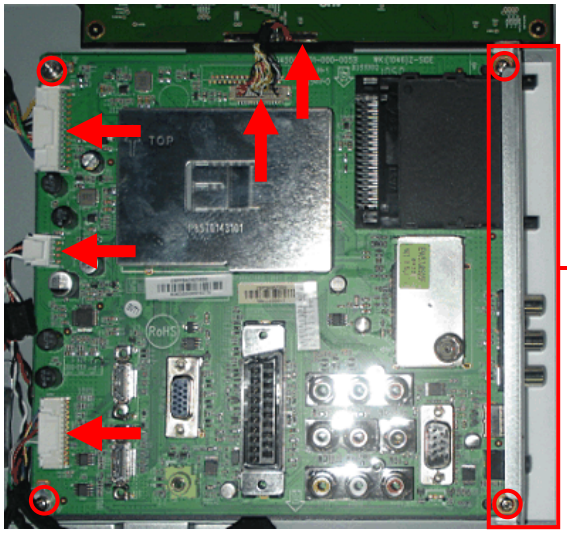


Fig.7

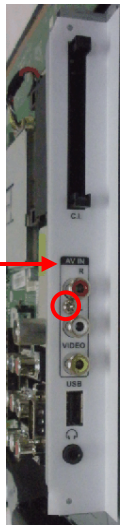


Fig.8

2. Disconnect 2 cables and remove the 4 screws. Detach the Power board as Fig.9.

Note: Push out the AC port from the Bracket, then disconnect the AC cable with the power board.

Caution: Do not pull back cover with AC Inlet rough when you dismantle it from cabinet, as this way cause it to be damaged and the wire to loose from it.

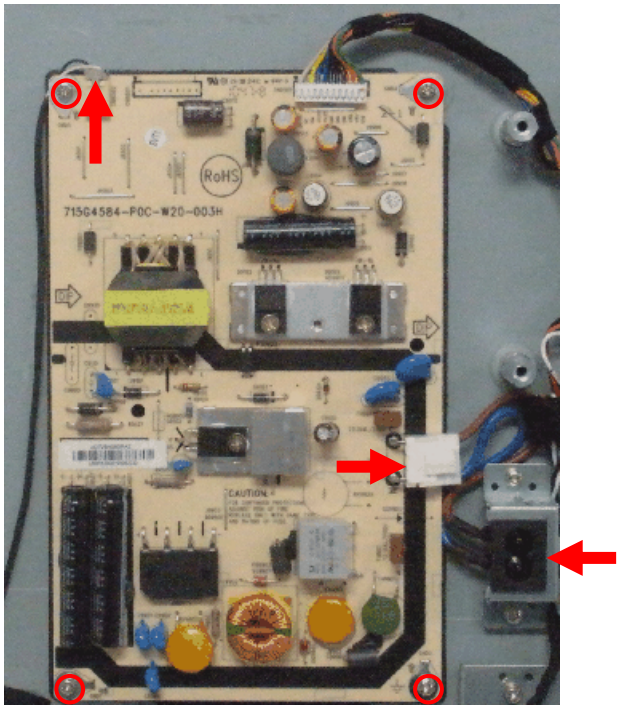


Fig.9

3. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.10.

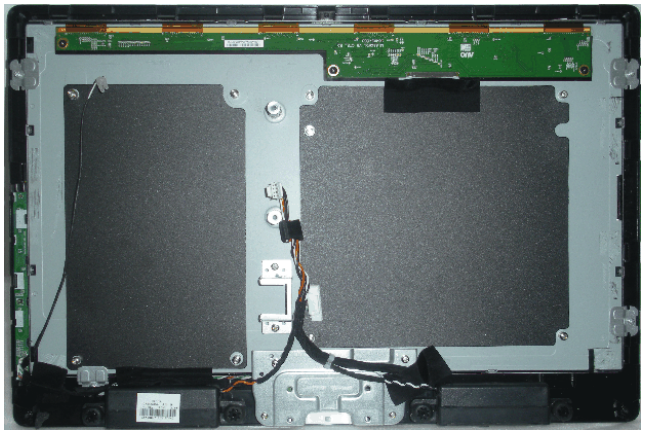


Fig.10

Step 4. Remove the Bracket and Bezel.

1. Remove the 9 screws. Detach the Bracket and panel as Fig.11.

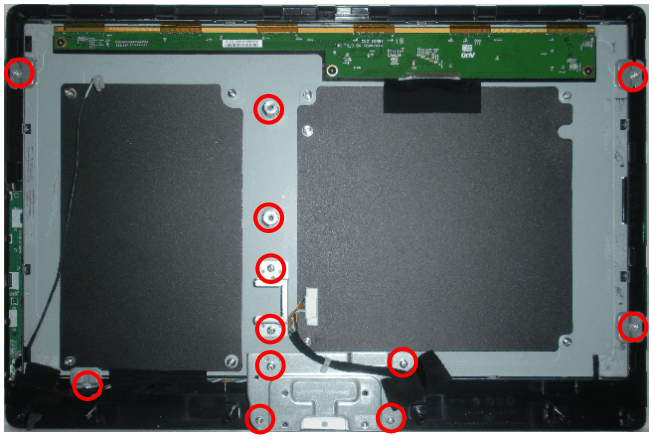


Fig.11

2. Remove the panel from the bezel as Fig.12.

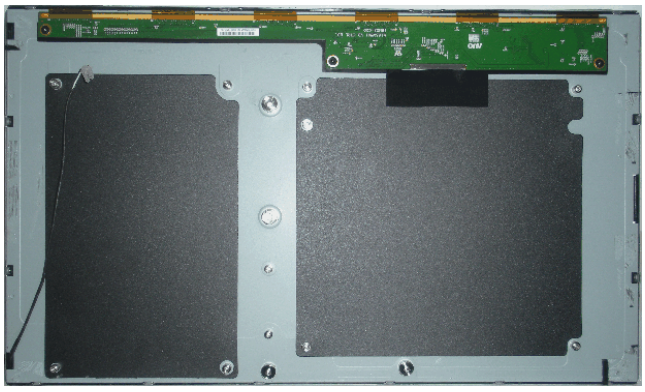


Fig.12

Step 5. Remove the IR and Key board.

1.Disconnect 1 cable. Detach the IR board as Fig.13.

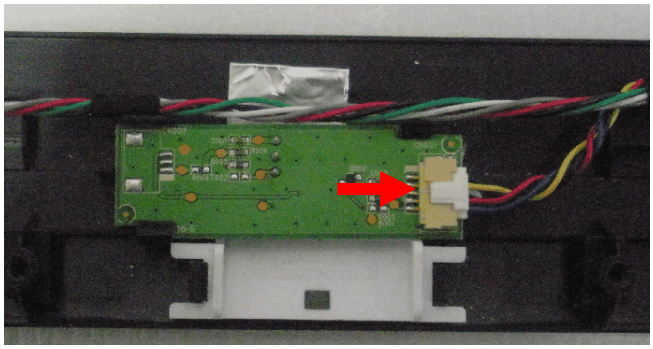


Fig.13

2. Disconnect 1 cable. Detach the Key board as Fig.14.

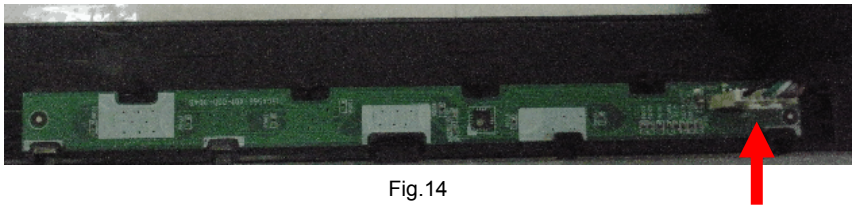


Fig.14

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-22LE430E/UK)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 3 screws as Fig.3 and pull out the base as Fig.4

Fig.3

2. Remove the 4 screws. Detach the Base neck as Fig.4.

Fig.4

Step 2. Remove the REAR COVER Assy.

1. Remove the 5 screws. Detach the REAR COVER as Fig.5.

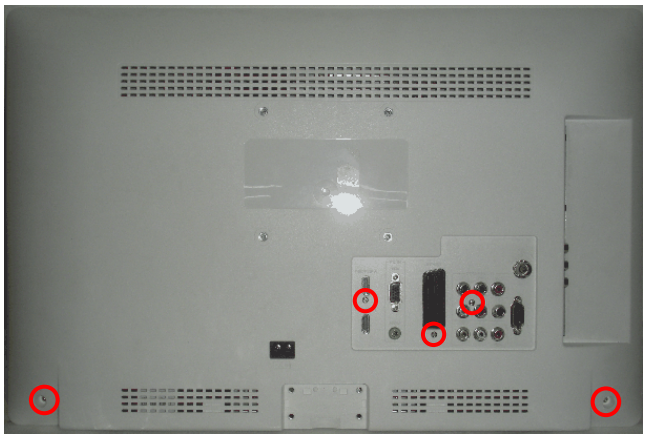
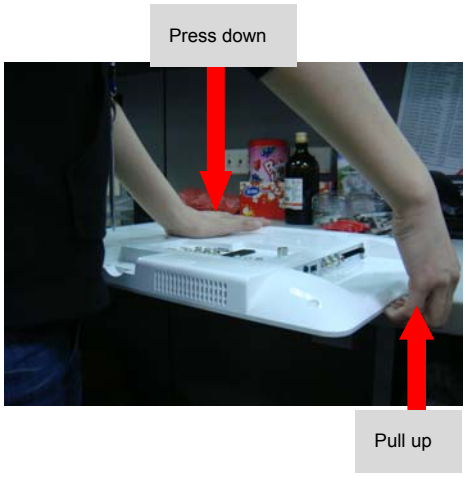
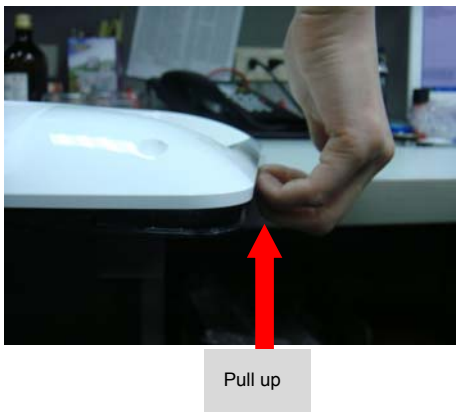
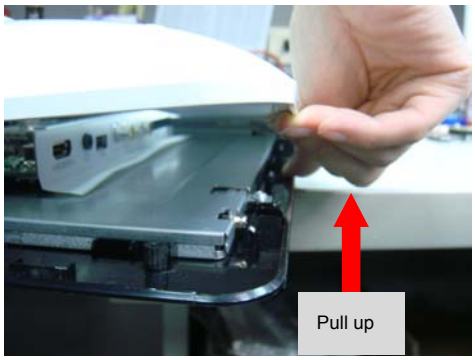


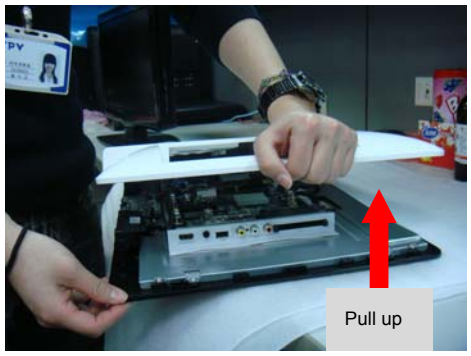
Fig.5

Note: How to easy remove rear cabinet









Step 3. Remove the Main, Power and the Speakers.

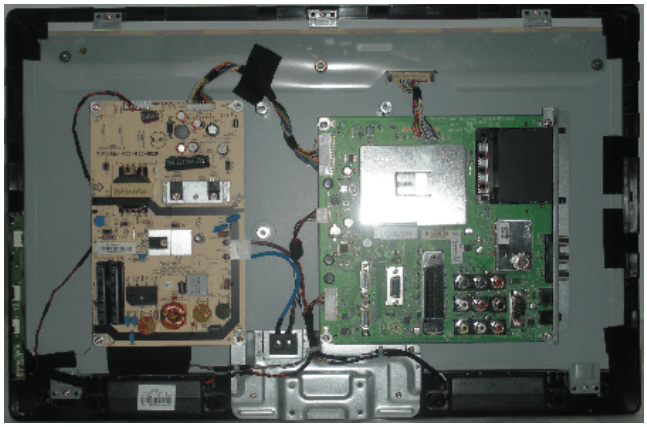


Fig.6

1. Disconnect 4 cables and remove the 5 screws. Detach the Main board as Fig.7 and Fig.8.

Note: Please disconnect the LVDS cable from the panel firstly, then disconnect the LVDS from the main board.

If you disconnect the LVDS cable with the Main board firstly, maybe the panel connector will be damaged because of the short LVDS cable.

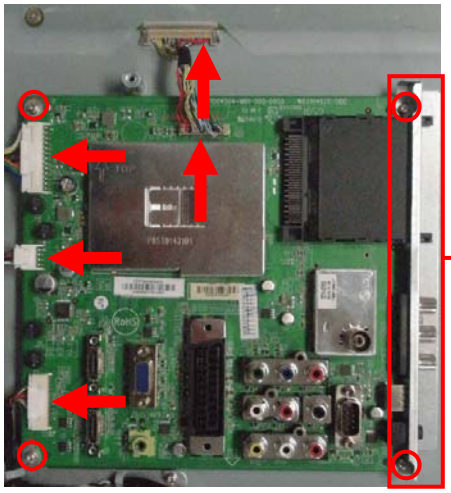


Fig.7

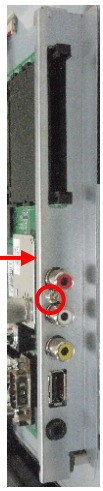


Fig.8

2. Disconnect 2 cables and remove the 4 screws. Detach the Power board as Fig.9.

Note: Push out the AC port from the Bracket, then disconnect the AC cable with the power board.

Caution: Do not pull back cover with AC Inlet rough when you dismantle it from cabinet, as this way cause it to be damaged and the wire to loose from it.

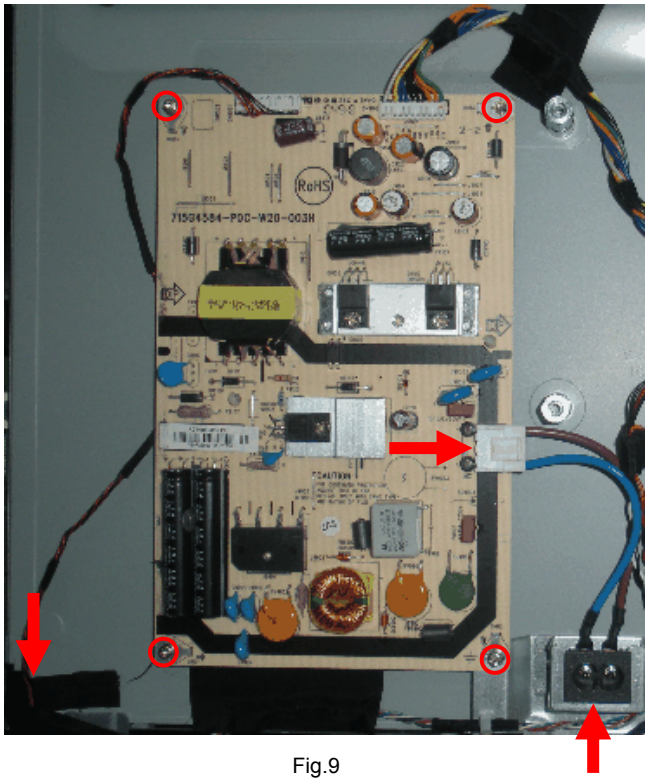


Fig.9

3. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.10.

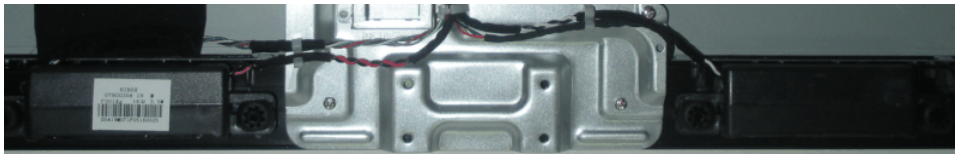


Fig.10

Step 4. Remove the Bracket and Bezel.

1. Remove the 11 screws. Detach the Bracket and panel as Fig.11.

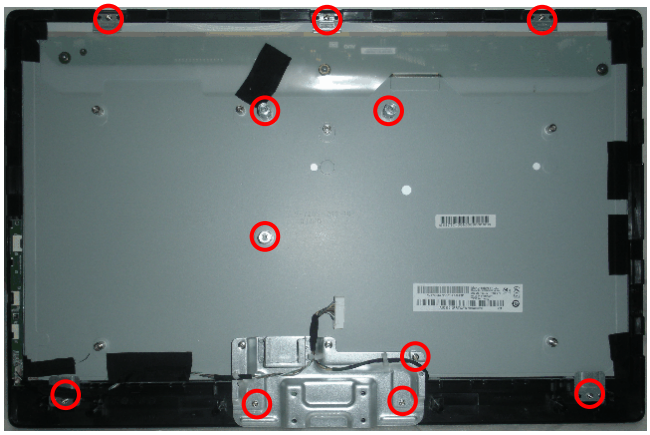


Fig.11

2. Remove the panel from the bezel as Fig.12.

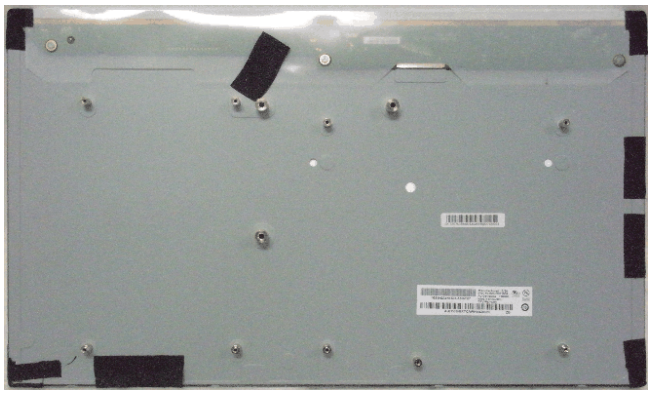


Fig.12

Step 5. Remove the IR and Key board.

1. Disconnect 1 cable. Detach the IR board as Fig.16.

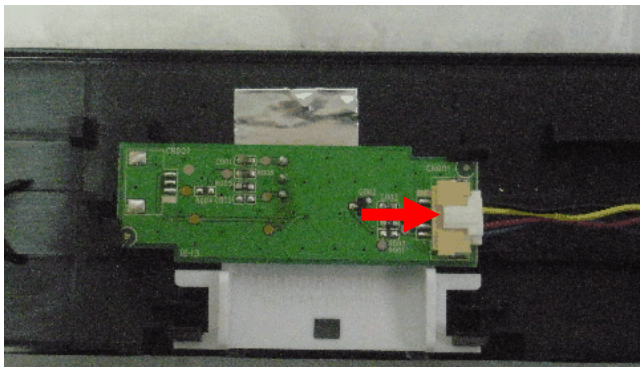


Fig.16

2. Disconnect 1 cable. Detach the Key board as Fig.17.

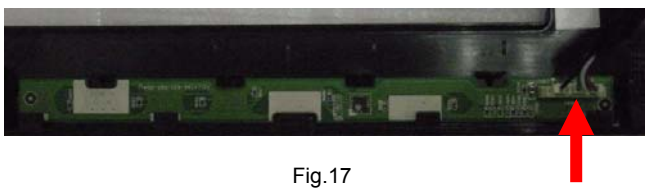


Fig.17

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-26LE430E/UK)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

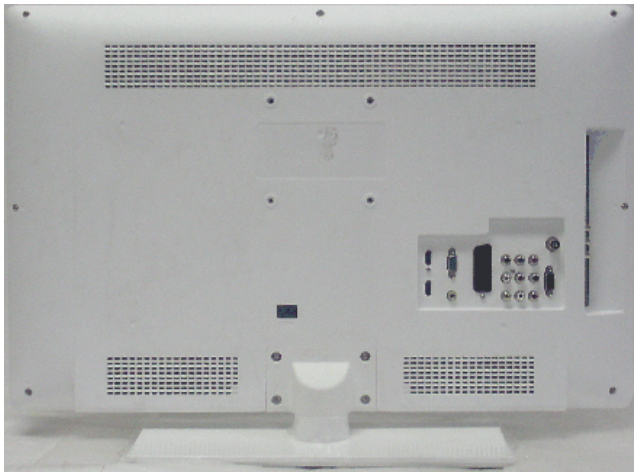


Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 3 screws as Fig.3 and pull out the base as Fig.4

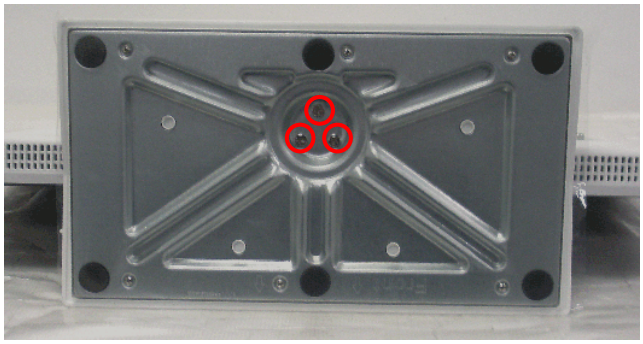


Fig.3

2. Remove the 4 screws. Detach the Base neck as Fig.4.

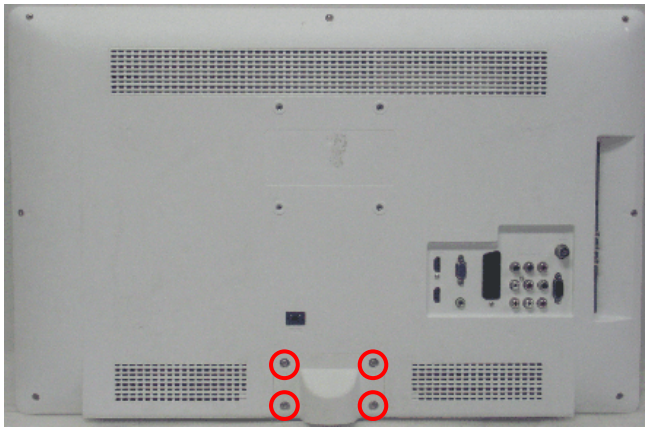


Fig.4

Step 2. Remove the REAR COVER Assy.

1. Remove the 10 screws. Detach the REAR COVER as Fig.5.

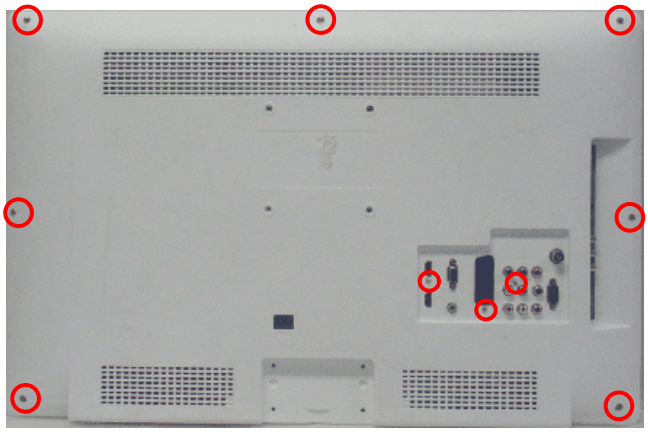
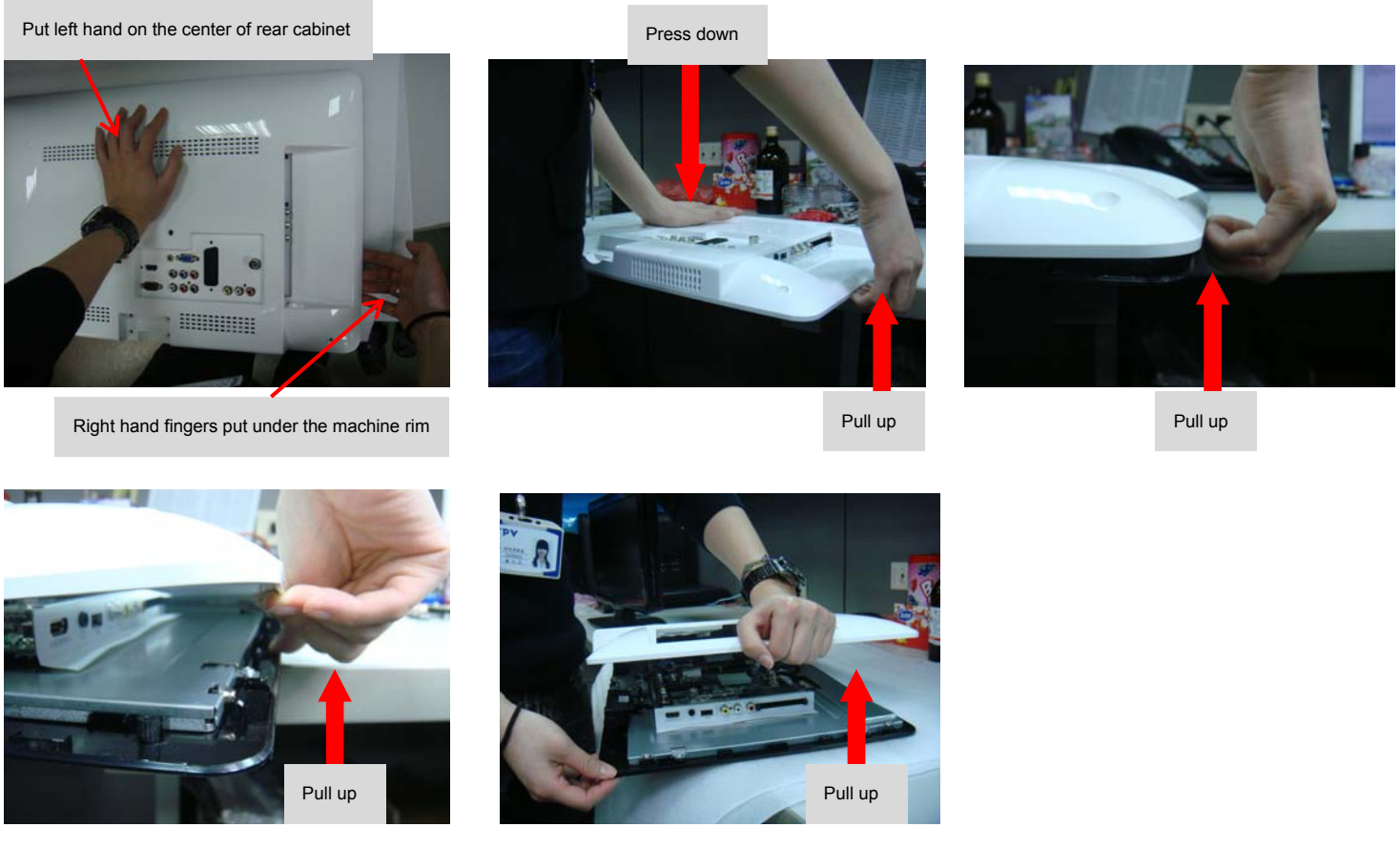


Fig.5

Note: How to easy remove rear cabinet



Step 3. Remove the Main, Power board and the Speakers.

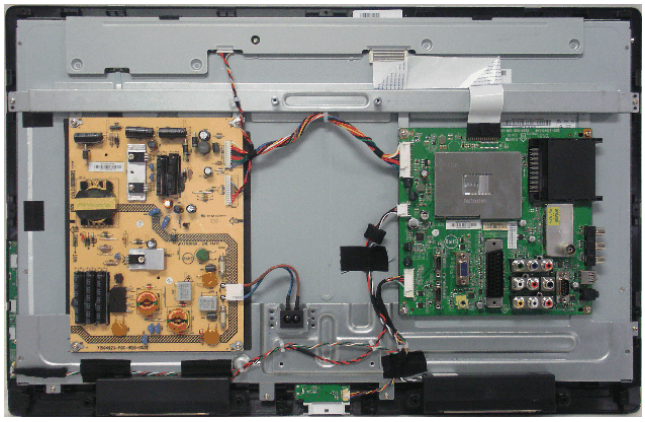


Fig.6

1. Disconnect 4 cables and remove the 4 screws. Detach the Main board as Fig.7.

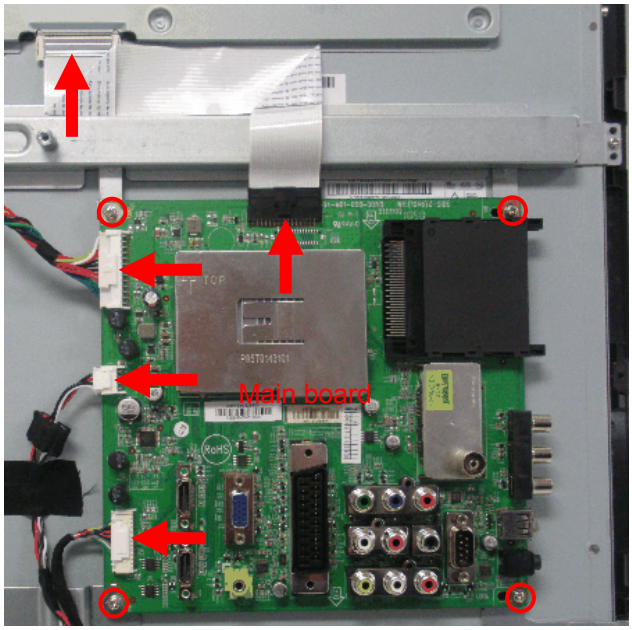


Fig.7

2. Disconnect 2 cables and remove the 4 screws. Detach the Power board as Fig.8.

Note: Push out the AC port from the Bracket, then disconnect the AC cable with the power board.

Caution: Do not pull back cover with AC Inlet rough when you dismantle it from cabinet, as this way cause it to be damaged and the wire to loose from it.

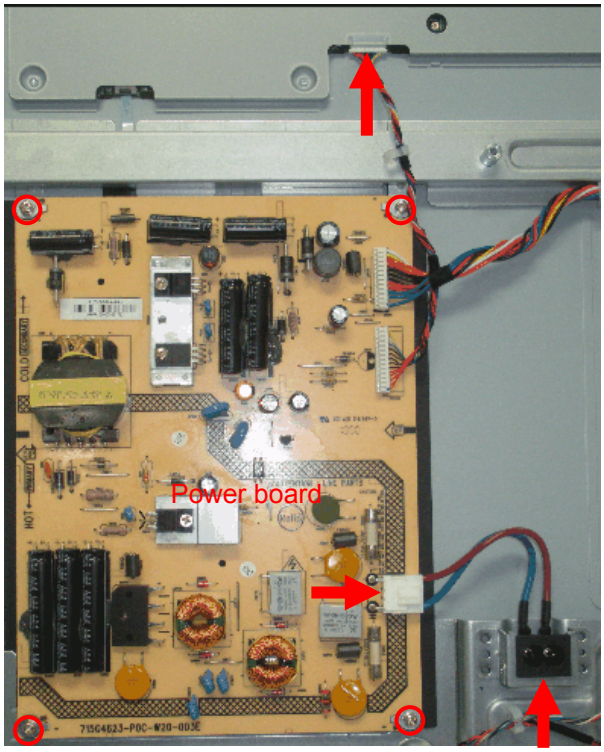


Fig.8

3. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.9.

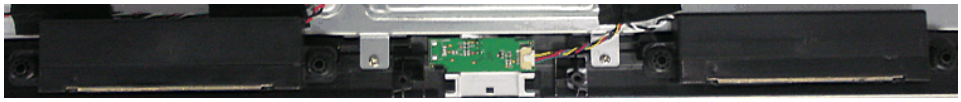


Fig.9

Step 4. Remove the Bracket and Bezel.

1. Remove the 10 screws. Detach the Bracket as Fig.10, Fig.11 and Fig.12.

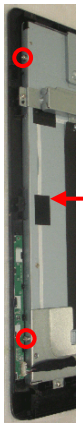


Fig.10

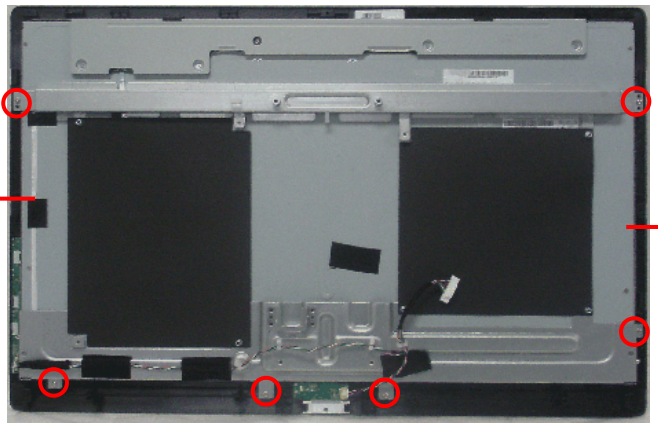


Fig.11

Fig.12

2. Remove the panel from the bezel as Fig.13

Panel:

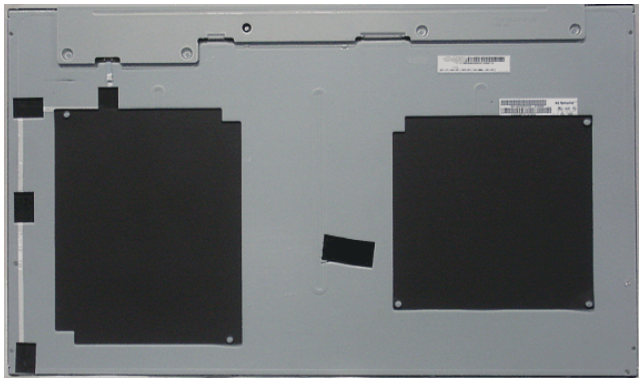


Fig.13

Step 5. Remove the IR and Key board.

1. Disconnect 1 cable, then release the clips. Detach the IR board as Fig.14.

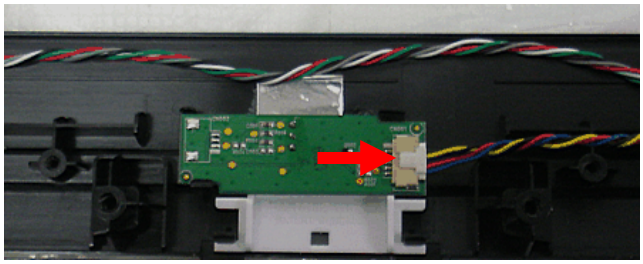


Fig.14

2. Disconnect 1 cable. Detach the Key board as Fig.15.

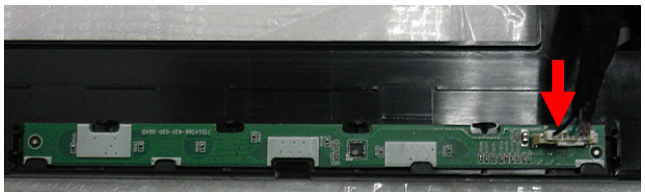


Fig.15

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-32LE430E/UK)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view

Fig.1

Back view

Fig.2

Step 1. Remove the Base Assy and Base neck.

1. Remove the Base Assy as Fig.3.

Remove the 3 screws as Fig.3 and pull out the base as Fig.4

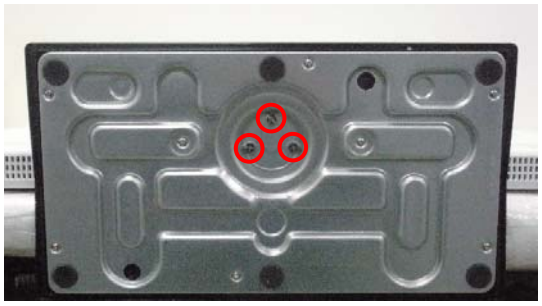


Fig.3

2. Remove the 4 screws. Detach the Base neck as Fig.4.

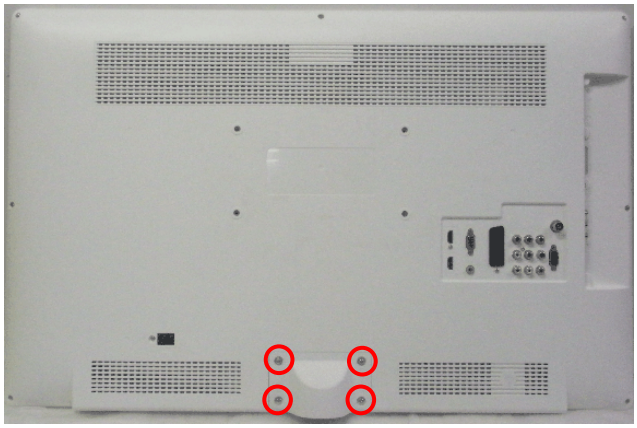


Fig.4

Step 2. Remove the REAR COVER Assy.

1. Remove the 11 screws. Detach the REAR COVER as Fig.5.

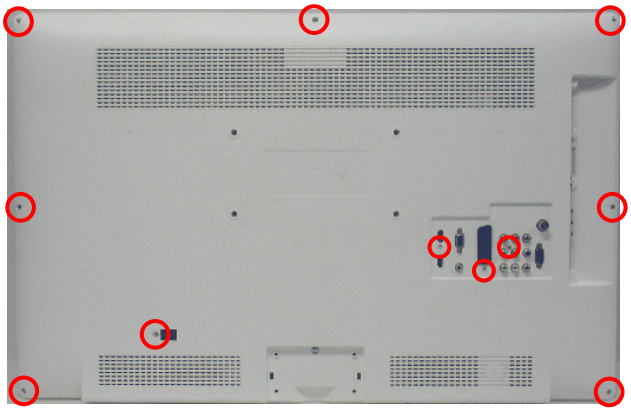
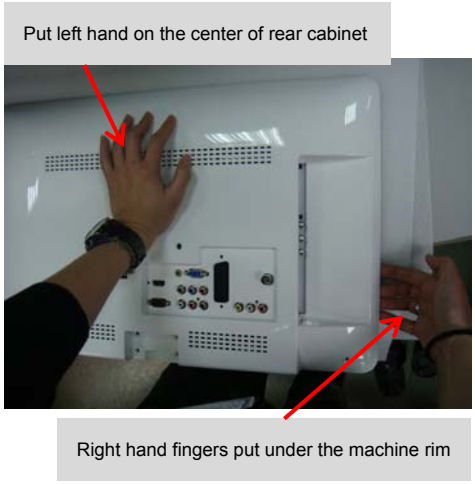
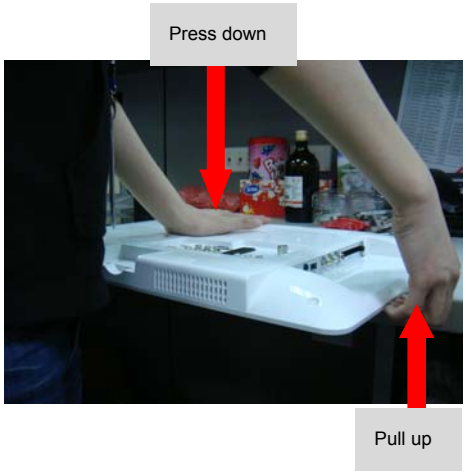
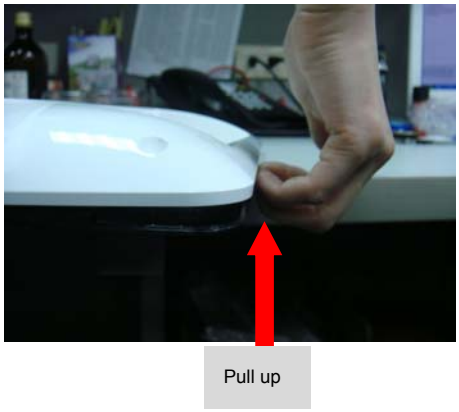


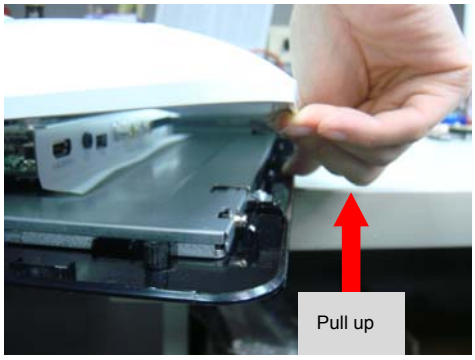
Fig.5

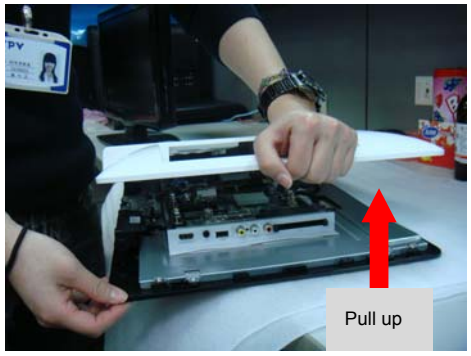
Note: How to easy remove rear cabinet











Step 3. Remove the Main and Power board.

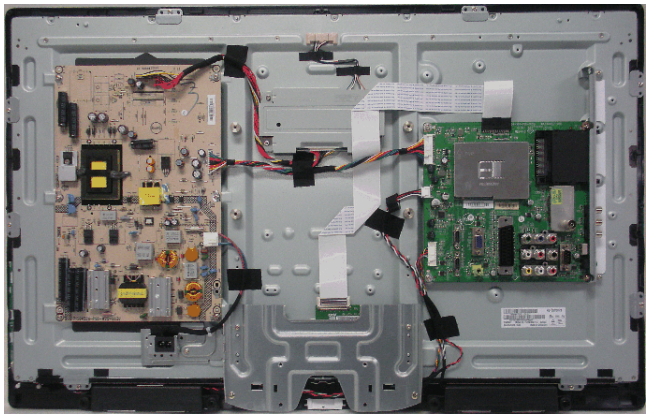


Fig.6

1. Disconnect 4 cables and remove the 5 screws Detach the Main board as Fig.7 and Fig.8.

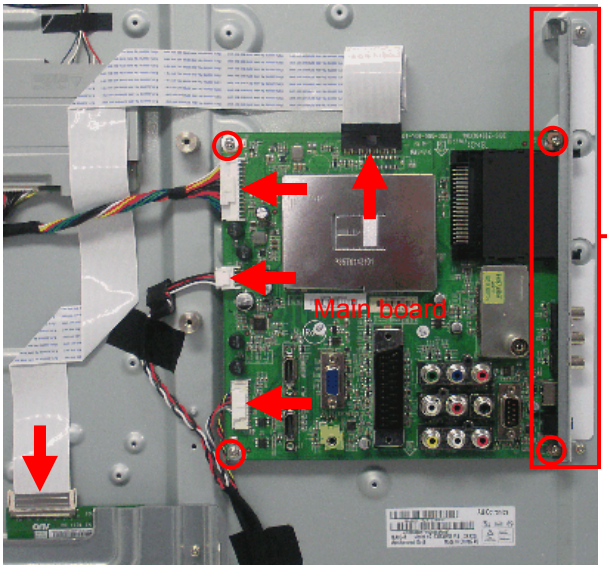


Fig.7

Fig.8

2. Disconnect 2 cables and remove the 6 screws. Detach the Power board as Fig.9.

Note: Push out the AC port from the Bracket, then disconnect the AC cable with the power board.

Caution: Do not pull back cover with AC Inlet rough when you dismantle it from cabinet, as this way cause it to be damaged and the wire to loose from it.

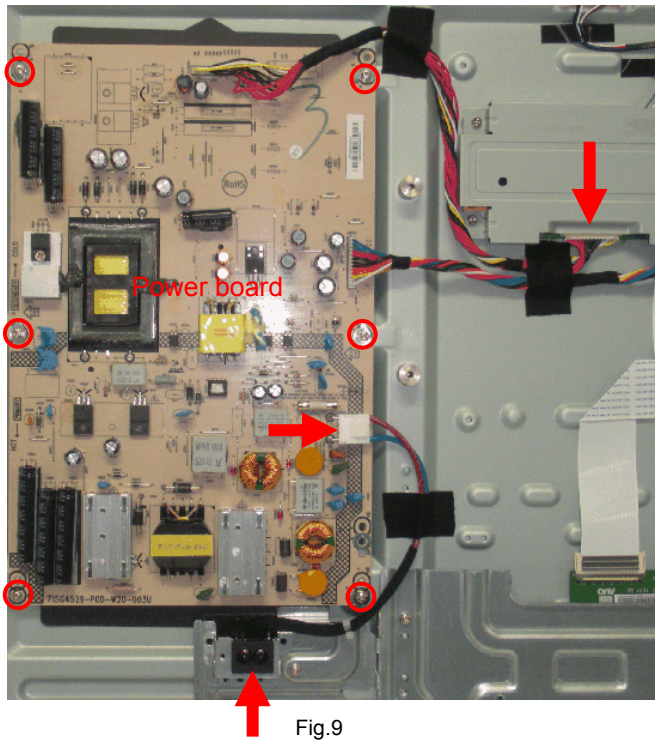


Fig.9

Step 4. Remove the Bracket, Speakers and Bezel.

1. Remove the 7 screws. Detach the Bracket as Fig.10.

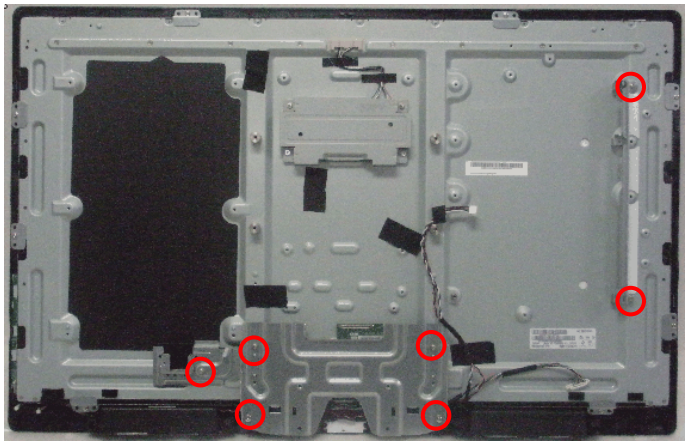


Fig.10

2. Release the speaker cable from its clamp, pull up and remove the speaker as Fig.11.

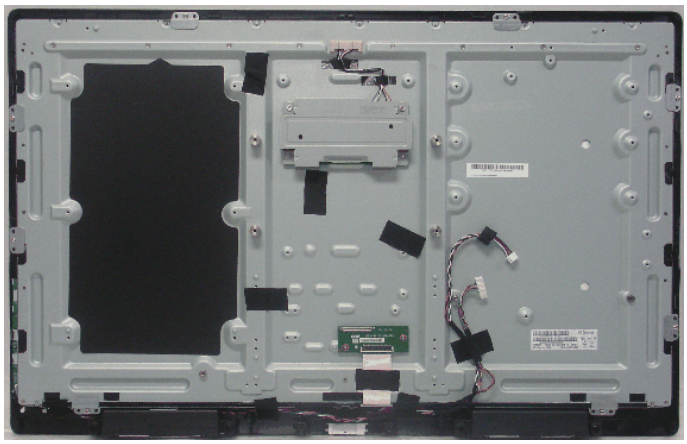
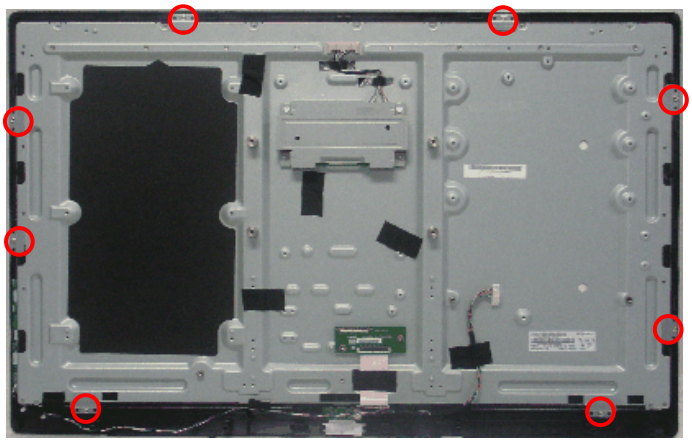


Fig.11

3. Remove the 8 screws to detach the panel bracket from the bezel.Then take out of the panel from the bezel as Fig.12.



Panel:

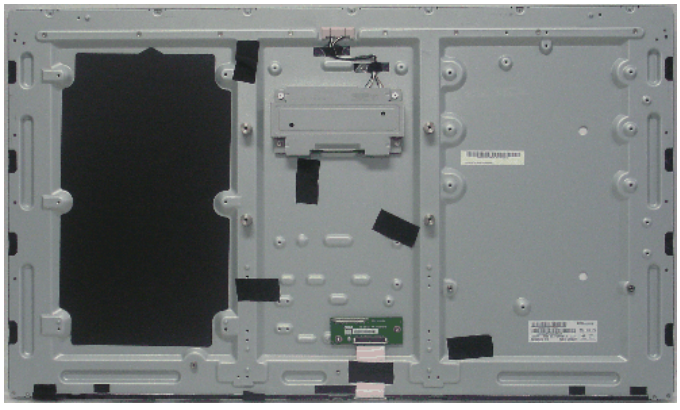


Fig.12

Step 5. Remove the IR and Key board.

1. Disconnect 1 cable, then release the clips. Detach the IR board as Fig.13.

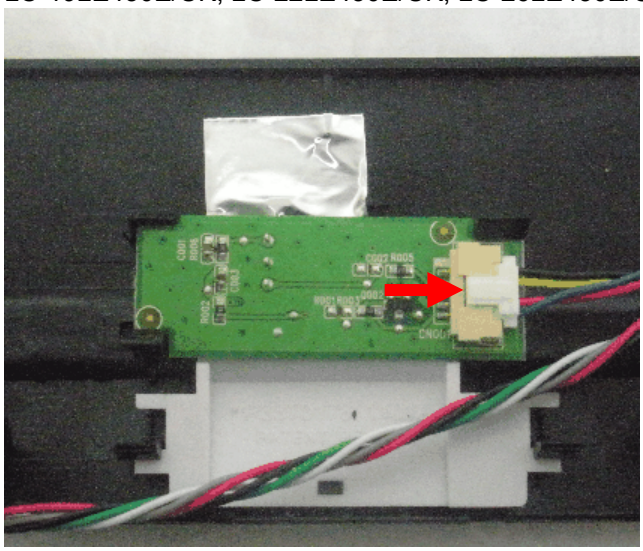


Fig.13

2. Disconnect 1 cable. Detach the Key board as Fig.14.

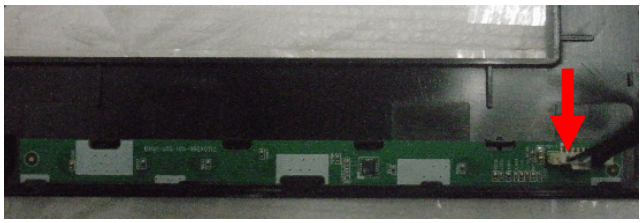


Fig.14

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

CHAPTER 3. ADJUSTMENT PROCEDURE

PROCEDURE

[1] ADJUSTMENT PROCEDURE

1. OSD Menu

2K11 Sharp DVB OSD tree-Video					
OSD Layer 1	2	3	4	5	6
Picture	Smart Picture	Personal			
		Standard			
		Vivid			
		Movie			
		Eco			
	Brightness	slider			
	Contrast	slider			
	Color	slider			
	Tint	slider			
	Sharpness	slider			
	Color Temperature	Normal	(default)		
		Cool			
		Warm			
	Advanced Control(have sub page)	Noise Reduction	Off		
			Low		
			Medium		
			HIGH		
			Auto		
		Flesh Tone	On		
			Off		
		Back Light(if DCR is Off)	slider		
		DCR	On		
			Off		
		C.M.S-value	R	slider	
			Y	slider	
			G	slider	
			C	slider	
			B	slider	
			M	slider	
Sound	Sound Mode	Personal			
		Music			
		Speech			
	Equalizer 120Hz	slider			
	Equalizer 500Hz	slider			
	Equalizer 1.5KHz	slider			
	Equalizer 5KHz	slider			
	Equalizer 10KHz	slider			
	Balance	slider			
	Virtual Surround	On			
		Off			
	Digital Audio Out	PCM			
		Off			

		Dolby Digital			
	SPDIF Delay	slider(from 0 to 250, interval of 10 between two items)			
	AVL	Off			
		On			
	Type(if source is DTV)	Normal			
		Hard of Hearing			
		Audio Description			
	Audio Description(if Type=Audio Description)	Volume	slider		
TV	Tuner Mode	Antenna			
		Cable			
	Country(30)	UK			
		Italy			
		Luxembourg			
		Netherlands			
		Norway			
		Sweden			
		Croatia			
		Hungary			
		Ireland			
		Poland			
		Portugal			
		Romania			
		Serbia			
		Slovakia			
		Slovenia			
		Turkey			
		Iceland			
		Russia			
		Ukraine			
		Austria			
		Belgium			
		Bulgaria			
		Switzerland			
		Czech Republic			
		Germany			
		Greece			
		Denmark			
		Spain			
		Finland			
		France			
	1st Audio(28)(DTV only)	English			
		Finnish			
		French			
		Gaelic			
		Galician			
		German			
		Greek			
		Hungarian			
		Italian			
		Norwegian			
		Polish			

		Portuguese			
		Romanian			
		Russian			
		Serbian			
		Slovak			
		Slovenian			
		Spanish			
		Swedish			
		Turkish			
		Welsh			
		Basque			
		Bulgarian			
		Catalan			
		Croatian			
		Czech			
		Danish			
		Dutch			
	2nd Audio(28)(DTV only)	English			
		Finnish			
		French			
		Gaelic			
		Galician			
		German			
		Greek			
		Hungarian			
		Italian			
		Norwegian			
		Polish			
		Portuguese			
		Romanian			
		Russian			
		Serbian			
		Slovak			
		Slovenian			
		Spanish			
		Swedish			
		Turkish			
		Welsh			
		Basque			
		Bulgarian			
		Catalan			
		Croatian			
		Czech			
		Danish			
		Dutch			
	Audio Carrier(ATV only)	Mono			
		Stereo			
		Dual I			
		Dual II			
	Channels(have sub page)	Channel Scan	ATV	Status: scanning…	
				Analogue channels:	
			ATV and DTV(if Antenna mode)	Status: scanning…	
				Analogue channels:	
				Digital channels:	
			ATV and DTV(if Cable mode)	Scan Mode	Full/Advance

				(if Advance mode select)	Frequency(KHz)
					Modulation=>Auto/16/32/64/128/256 QAM
					Symbol Rate(Ksym/s)
					Network ID
				Scan	Status: scanning…
					Analogue channels:
					Digital channels:
		Update Scan	Status: scanning…		
			Analogue channels:		
			Digital channels:		
		Single RF Scan	RF Channel ..	slider	
			Signal Strength..		
			Signal Quailty..		
		Analog Manual Scan	Start Frequency	xxMHz	
			Scan Up		
			Scan Down		
		Channel Skip(have sub page)	(Channel munber…)		
		Channel Sort(have sub page)	(Channel munber…)		
		Channel Edit(have sub page)	(Channel munber…)		
		Decoder(for ATV)	(Channel munber…)		
		Analog Ch Fine Tune	(Channel munber…) (have sub page)	(do fine tune)	
Features	Menu Language(28)	English			
		Deutsch			
		Français			
		Italiano			
		Español			
		Português			
		Nederlands			
		Български			
		Dansk			
		Suomi			
		Svenska			
		Norsk			
		Polski			
		Русский			
		Česky			
		Hrvatski			
		Magyar			
		Română			
		Slovenský			
		Slovenščina			
		Srpski			
		Türkçe			
		Ελληνικά			
		Gaeilge			
		Latviski			
		Eesti			
		Lietuviskai			
		укpaiHcbka			
	4:3 mode	4:3			
		16:9			

	Picture Format(if video exist)	Auto			
		Normal			
		Zoom1			
		Zoom2			
		Wide			
	Time (have sub page)	Time Zone	As Broadcaster		
			GMT +0:00		
			GMT +1:00		
			GMT +2:00		
			GMT +3:00		
			GMT +3:30		
			GMT +4:00		
			GMT +4:30		
			GMT +5:00		
			GMT +5:30		
			GMT +5:45		
			GMT +6:00		
			GMT +6:30		
			GMT +7:00		
			GMT +8:00		
			GMT +9:00		
			GMT +9:30		
			GMT +10:00		
			GMT +11:00		
			GMT +12:00		
			GMT +12:45		
			GMT +13:00		
			GMT -12:00		
			GMT -11:00		
			GMT -10:00		
			GMT -9:00		
			GMT -8:00		
			GMT -7:00		
			GMT -6:00		
			GMT -5:00		
			GMT -4:00		
			GMT -3:30		
			GMT -3:00		
			GMT -2:00		
			GMT -1:00		
		Time(have sub page)	Auto synchronization (On/Off)		
			Date (20xx/xx/xx)		
			Time (xx:xx:xx)		
			Timer (Off/On)		
			Off Time (xx:xx:xx)		
		Sleep Timer	Off		
			10 Min		
			20 Min		
			30 Min		
			40 Min		
			50 Min		
			60 Min		
			90 Min		
			120 Min		
	SCART(have sub page) (Only availabe in	SCART1	Auto		
			Mixed		
			RGB		

	SCART source)		Composite		
			S-Video		
		SCART2(If have I/O)	Auto		
			Composite		
			S-Video		
	Subtitle(have sub page)	Analog Subtitle	On		
			On during mute		
			Off		
		1st Subtitle(28)	English		
			Finnish		
			French		
			Gaelic		
			Galician		
			German		
			Greek		
			Hungarian		
			Italian		
			Norwegian		
			Polish		
			Portuguese		
			Romanian		
			Russian		
			Serbian		
			Slovak		
			Slovenian		
			Spanish		
			Swedish		
			Turkish		
			Welsh		
			Off		
			Basque		
			Bulgarian		
			Catalan		
			Croatian		
			Czech		
			Danish		
			Dutch		
		2nd Subtitle(28)	English		
			Finnish		
			French		
			Gaelic		
			Galician		
			German		
			Greek		
			Hungarian		
			Italian		
			Norwegian		
			Polish		
			Portuguese		
			Romanian		
			Russian		
			Serbian		
			Slovak		
			Slovenian		
			Spanish		
			Swedish		
			Turkish		

			Welsh		
			Off		
			Basque		
			Bulgarian		
			Catalan		
			Croatian		
			Czech		
			Danish		
			Dutch		
		Subtitle Type	Normal		
			Hearing Impaired		
	Teletext Language(have sub page)	Digital Teletext Lang.	English		
			Spanish		
			French		
			German		
			Italian		
			Danish		
			Swedish		
			Basque		
			Bulgarian		
			Catalan		
			Croatian		
			Czech		
			Dutch		
			Finnish		
			Gaelic		
			Galician		
			Greek		
			Hungarian		
			Norwegian		
			Polish		
			Portuguese		
			Romanian		
			Russian		
			Serbian		
			Slovak		
			Slovenian		
			Turkish		
			Welsh		
		Decode Page Lang.	WEST EUR		
			EAST EUR		
			Russia		
			Russia-2		
			Greek		
			Turkey		
			Arab/Hbrw		
			Farsian		
			Arab		
	Common Interface(have sub page)	(display some info & status..)			
	HDMI Scan Info (Only available in HDMI source)	Automatic			
		Underscan			
		Overscan			
	Reset Default				
	SW Ver.				
Parental	Password(ha	Channel Block(have sub	(Channel munber…)		

	ve sub page)	page)			
		Parental Guidance(have sub page)	Age Rating	18	
				None	
				4	
				5	
				6	
				7	
				8	
				9	
				10	
				11	
				12	
				13	
				14	
				15	
				16	
				17	
		Input Block(have sub page)	(Source list..) (TV,YPbPr,AV,SCART,PC,HDMI)		
		Set password (have sub page)	New Password (xxxx)		
			Confirm Password (xxxx)		
		Clear All			
Eco	Off				
	On				

2K11 Sharp DVB OSD tree--PC					
OSD Layer 1	2	3	4	5	6
Picture	Brightness	slider			
	Contrast	slider			
	Color Temperature	Normal	(default)		
		Cool			
		Warm			
	Advanced Video(have sub page)	Auto Config	Auto Config		
		Horizontal	slider		
		Vertical	slider		
		Phase	slider		
		Clock	slider		
		Resolution(if ambiguous timings)	1360*768		
			1024*768		
			1280*768		
Sound	Audio Mode	Personal			
		Music			
		Speech			
	Equalizer 120Hz	slider			
	Equalizer 500Hz	slider			
	Equalizer 1.5KHz	slider			
	Equalizer 5KHz	slider			
	Equalizer 10KHz	slider			
	Balance	slider			
	Virtual	On			

	Surround	Off			
	Digital Audio Out	PCM			
		Off			
		Dolby Digital			
	SPDIF Delay	slider(from 0 to 250, interval of 10 between two items)			
	AVL	Off			
		On			
Features	Menu Language(28)	English			
		Deutsch			
		Français			
		Italiano			
		Español			
		Português			
		Nederlands			
		Български			
		Dansk			
		Suomi			
		Svenska			
		Norsk			
		Polski			
		Русский			
		Česky			
		Hrvatski			
		Magyar			
		Română			
		Slovenský			
		Slovenščina			
		Srpski			
		Türkçe			
		Ελληνικά			
		Gaeilge			
		Latviski			
		Eesti			
		Lietuviskai			
		ykpaiHcbka			
	Picture Format	Full screen			
		Native (if is native timing)			
		4:3			
	Reset Default				
	SW Ver.				
Parental	Password(have sub page)	Parental Guidance(have sub page)	Age Rating	18	
				None	
				4	
				5	
				6	
				7	
				8	
				9	
				10	
				11	
				12	
				13	
				14	
				15	
				16	
				17	

		Input Block(have sub page)	(Source list..) (TV,YPbPr,AV,SCART,PC,HDMI)		
		Set password (have sub page)	New Password (xxxx)		
			Confirm Password (xxxx)		
		Clear All			
Eco	Off				
	On				

2. Display adjustment

YPbPr Mode display adjustment

1 Auto color for signal slicering

1.1 General set-up

Equipment Requirements:

Konica Minolta CS-200 or equivalent instrument. Quantum Data Pattern Generator 881 or equivalent instrument.

Input requirements:

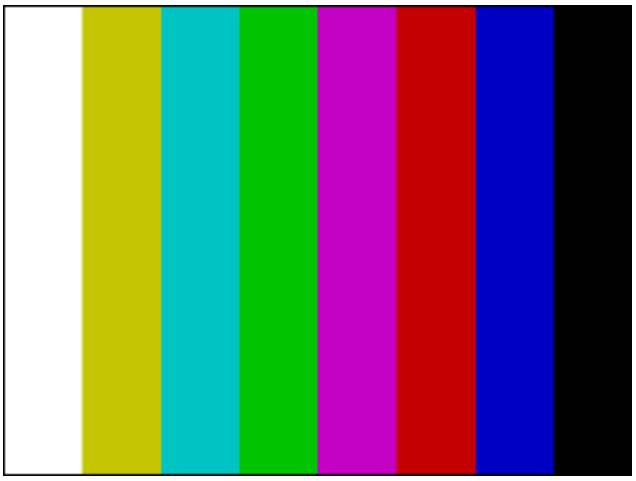
Input signal type: YPbPr signal

1. 1080i/25mode, TVBar100 pattern by QuantumData 881.
2. Select Picture mode to “Personal” mode and adjust the x, y data.

Input Signal Strength: 1 Vpp for Y signal ; 700 mVpp for Pb & Pr signal

Input Injection Point: YPbPr (RAC jack)

1080i/25, TVBar100 pattern



Alignment method:

Initial Set-up:

1. Select source as “YPbPr”.
2. Set Smart Picture mode as “Personal” and then adjust Contrast = 58, Brightness=48, Color=58, backlight=100, set Color Temp. to be “cool” mode.
3. Apply “TVBar100” pattern which is color bar pattern by signal generator.
4. Enter “factory mode menu”: press MENU + Numeric keys “1999”+ press PRE PR.

Alignment:

1. At factory mode menu, select AUTO_COLOR item. Then press “OK” key of remote control to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.
2. Check the 16 grayscale pattern should be distinguished and color bar is correct
3. Reset AV setting, picture mode shall be recalled to be “Vivid” and Contrast=58, Brightness=48; Color=58.

Note:

Sharp EU 2k11 models have no need to operate “AUTO_COLOR” function, due to EFUSE is set “Disable” within NVM for defult. These ADC values will be produced by Main chip (MT5363) interal defination.

White balance adjustment

Alignment method:

Initial Set-up:

1. Select source as “YPbPr”.
2. Set Contrast = 58 and Brightness=48, Color=58, backlight=100, at normal menu mode.
3. Apply “80% white pattern or Flat 80 pattern by Component video generator.
4. Enter factory mode menu: press MENU + Numeric keys “1999” + press PRE PR.

Alignment:

1. Apply Flat80 pattern (80% white pattern).

2. Set color temperature to “NORMAL”.

3. At factory mode menu, adjust the Scaler R Gain, Scaler G Gain, Scaler B Gain values to meet “NORMAL” color coordinates specification below. Then store those values to NVM

4. Set color temperature to “COOL”.

5. At factory mode menu, adjust the Scaler R Gain, Scaler G Gain, Scaler B Gain values to meet “COOL” color coordinates specification below. Then store those values to NVM

6. Set color temperature to “WARM”.

7. At factory mode menu, adjust the Scaler R Gain, Scaler G Gain, Scaler B Gain values to meet “WARM” color coordinates specification below. Then store those values to NVM

Color temperature Normal/Warm/Cool (x, y) co-ordinates specification:

`

Picture Mode	x	y
Normal (9000K)	0.289±0.003	0.291±0.003
Cool (12000K)	0.272±0.003	0.277±0.003
Warm (6500K)	0.314±0.003	0.319±0.003

Table 5: Reading with Konica Minolta CS-200.

Note:

1. Use Konica Minolta CS-200 for color coordinates and luminance check.
2. For suitable mass production at factory, colour analyzers CA-210 can be applied. But, befor measureing ,all CA-210 should be coordinates and proofread with a Charoma Meter (CS-200) or equivalent instrument and a reference TV set.
3. Check the luminance at the center of the screen with 100% White. And to set Brightness control at 100; Contrast control at 100; backlight control at 100.

Luminance > 200 cd/m^2 (Typ.) [For LC-19LE430E only at color temp.- *warm mode]

> 200 cd/m^2 (Typ.) [For LC-22LE430E only at color temp.- *warm mode]

> 400 cd/m^2 (Typ.) [For LC-26LE430E only at color temp.- cool mode]

> 450 cd/m^2 (Typ.) [For LC-32LE430E only at color temp.- cool mode]

> 450 cd/m^2 (Typ.) [For LC-37LE320E/RU/E(UK) only at color temp.- cool mode]

> 450 cd/m^2 (Typ.) [For LC-42LE320E/RU/E(UK) only at color temp.- cool mode]

4. The defult values of Scaler R Gain, Scaler G Gain, Scaler B Gain are all 128. When panel WD is made adjustment, the three values could not be over 128. That is preventing color saturation after adjusting Contrast and Brithness setting at main menu.

PC mode display adjustment

1. Display quality adjustment

Use timing mode as describe in 2.2, and use the POPO (pixel on pixel off) pattern to adjust the clock until no stripe and adjust the phase until clear picture.(“Auto” will be done every time switching to PC mode and mode change) Check all preset 7 modes.

2. Auto color for signal slicering (B)

2.1 General set-up

Equipment Requirements:

Konica Minolta CS-200 or Equivalent Color analyzer. Chroma 2250 or equivalent PC signal generator.

Input requirements:

Input Signal Type:

PC VGA signal

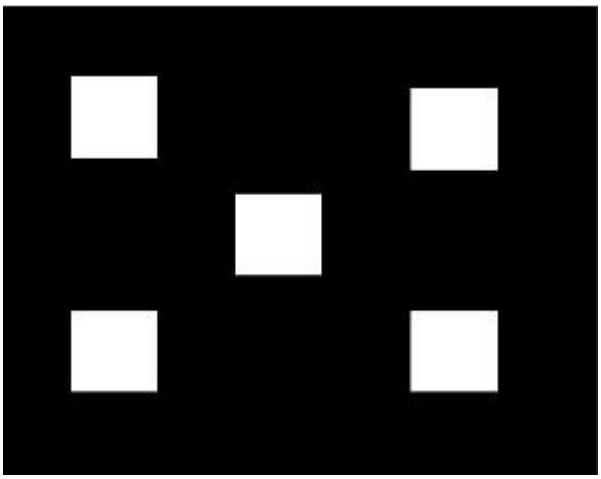
1. 1024X7684/60Hz PC mode with ”5 white block” pattern. (see pattern-1)

Input Signal Strength:

0.7 Vp-p linear voltage.

Input Injection Point:

PC D-SUB input



Pattern-1

Alignment method:

Initial Set-up:

1. Select source as “PC”.

2. Set Contrast = 58 (Sharp) and Brightness=100 (Sharp) , at normal menu mode.

3. Apply “5 white block”(pattern-1) pattern by VGA pattern generator.

4. Enter factory mode menu: press MENU + Numeric keys “1999” + press PRE PR (factory mode menu).

Alignment:

At factory mode menu, select AUTO_COLOR item. Then press “OK” key to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.

Set Contrast = 100 (Sharp) and Brightness=100 (Sharp)

Check color temperature specification with PC mode.

Color temperature Normal/Warm/Cool (x, y) co-ordinates specification:

Picture Mode	x	y
Cool (12000K)	0.272±0.010	0.277±0.010
Normal (9000K)	0.289±0.015	0.291±0.015
Warm (6500K)	0.314±0.015	0.319±0.015

Table 5: Reading with Konica Minolta CS-200.

Note:

1. Use Konica Minolta CS-200. for color coordinates and luminance check.

2. For suitable mass production at factory, colour analyzers CA-210 can be applied. But, befor measureing ,all CA-210 should be coordinates and proofread with a Charoma Meter (CS-200) or equivalent instrument and a reference TV set.

3. Check the luminance in the center of the screen with 100% White. And to Brightness control at 100; Contrast control at 100

Luminance > 200 cd/m^2 (Typ.) [For LC-19LE430E only at color temp.- *warm mode]

> 200 cd/m^2 (Typ.) [For LC-22LE430E only at color temp.-*warm mode]

> 400 cd/m^2 (Typ.) [For LC-26LE430E only at color temp.- cool mode]

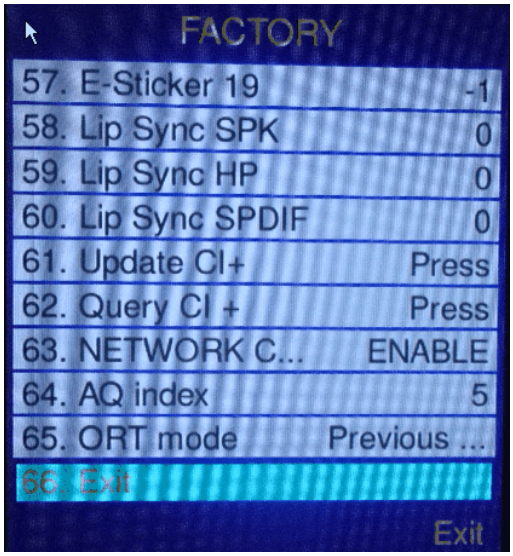
>450 cd/m^2 (Typ.) [For LC-32LE430E only at color temp.- cool mode]

> 450 cd/m2 (Typ.) [For LC-37LE320E/RU/E(UK) only at color temp.- cool mode]

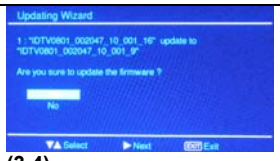
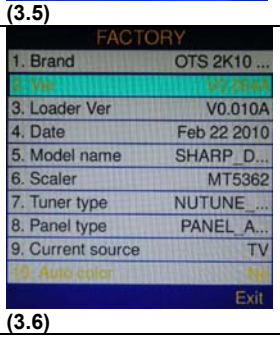
> 450 cd/m2 (Typ.) [For LC-42LE320E/RU/E(UK) only at color temp.- cool mode]

[2] SERVICE MODE

Enter factory mode menu: press MENU + Numeric keys “1999” + press PRE PR to enter factory mode.



[3] SOFTWARE UPGRADE PROCEDURE

Sharp model Firmware upgrade SOP by USB flash drives			
Flow chart	**Step**	**Photo**	**Remark**
1. Equipment and warm-up	1、USB flash drives(need USB2.0) 2、Upgrade firmware		Need USB2.0
2.Upgrade step	1、 Copy the firmware from your computer to the USB flash drives.		
	2、Change firmware name to upgrade.pkg		Please check the firmware name again before rework.
	3、AC ON（Figure3.1、Figure3.2）	 **(3.1)** **(3.2)**	
	4、Plug the USB flash drives into the USB port (service port) on the side I/O port of TV.(Figure 3.3)	 **(3.3)**	
	5、DC ON（You can use Keypad or Remote control power key）		
	6、When display Upgrade MENU (Figure 3.4), select “Yes” by remote control to implement update firmware	 **(3.4)**	If there is no display upgrade MENU,can you DC ON/OFF once more
	7、When finished upgrade 100%,Please remove the USB flash drives then press “Power” to renew the TV(Figure3.5)	 **(3.5)**	
	8、Press “MENU”+1999 + “PRE PR” to enter factory Menu by remote control. Then select “2.Main MCU Ver” to check upgrade firmware Version(Figure3.6)	 **(3.6)**	
	9、Implement “Exit” Icon to exit factory Menu . After exit factory mode, pls power off then turn off the AC power. congratulation, upgrade step is finish.		

CHAPTER 4. TROUBLESHOOTING TABLE

[1] POWER BOARD TROUBLESHOOTING TABLE

19" TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F9901/F9902 normal?

NO → LINE_FILTER_UNIT:
Isn't TH9901, L9902, FB9902, and FB9903 out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

NO → POWER_UNIT:
BD9901, etc. out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is (+18V) applied to pin (6) of IC9101 output? (Set the main power SW to ON.)

NO → Does the IC9101 circuit operate normally?
(D9103, IC9102, IC9101, Q9103 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5.2V applied to pin (4,5) of connector (CN9102)? (Set the main power SW to ON.)

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T9101, IC9101, D9101, ZD9106, etc.), the secondary side (D9105, L9104, C9121, etc.)

↓YES

Are +16V output applied to pin (9, 10) of connector (CN9102) as for the power on/off switch when it is on?

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T9101, IC9101, D9101, ZD9106, etc.), the secondary side (D9102, L9103, C9103, etc.), and the protection circuit.

↓YES

Similarly, is +16V & +5.2V output as for the power on/off switch when it is on?

NO → Check IC9101 circuit of Q9103, T9101 etc.

↓YES

Are +40V output as for the power on/off switch when it is on?

NO → Does the LED boost circuit operate normally?
Check circuit around the second side (L8501, IC8501, Q8501, D8501 etc.)

22" TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F9901/F9902 normal?

NO → LINE_FILTER_UNIT:
Isn't TH9901, L9902, FB9902, and FB9903 out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT:
BD9901, etc. out of order?
Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is (+18V) applied to pin (6) of IC9101 output? (Set the main power SW to ON.)

NO → Does the IC9101 circuit operate normally?
(D9103, IC9102, IC9101, Q9103 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5.2V applied to pin (4,5) of connector (CN9102)? (Set the main power SW to ON.)

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T9101, IC9101, D9101, ZD9106, etc.), the secondary side (D9105, L9104, C9121, etc.)

↓YES

Are +16V output applied to pin (9, 10) of connector (CN9102) as for the power on/off switch when it is on?

NO → Does the switching circuit operate normally?
Check circuit around the primary side (T9101, IC9101, D9101, ZD9106, etc.), the secondary side (D9102, L9103, C9103, etc.), and the protection circuit.

↓YES

Similarly, is +16V & +5.2V output as for the power on/off switch when it is on?

NO → Check IC9101 circuit of Q9103, T9101 etc.

↓YES

Are +60V output as for the power on/off switch when it is on?

NO → Does the LED boost circuit operate normally?
Check circuit around the second side (L8501, IC8501, Q8501, D8501 etc.)

26″ **TROUBLESHOOTING TABLE**

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?	NO →	Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F9901/F9902 normal?	NO →	LINE_FILTER_UNIT: Isn't NR9901, L9903, L9905, FB9902, and FB9903 out of order? Moreover, whether the short-circuit with the circumference circuit is checked. POWER_UNIT: BD9901, FB9901 etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is (+20V) applied to pin (6) of IC9101 output? (Set the main power SW to ON.)	NO →	Does the IC9101 circuit operate normally? (D9105, IC9102, IC9101, Q9105 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5.2V applied to pin (1, 3) of connector (CN9105)? (Set the main power SW to ON.)	NO →	Does the switching circuit operate normally? Check circuit around the primary side (T9101, IC9101, D9105, D9102 etc.), the secondary side (D9103, L9102, C9110, etc.)

↓YES

Are +24V output applied to pin (5, 6) of connector (CN9105) as for the power on/off switch when it is on?	NO →	Does the switching circuit operate normally? Check circuit around the primary side (T9101, IC9101, D9105, D9102, etc.), the secondary side (D9101, L9101, C9107, etc.), and the protection circuit.

↓YES

Similarly, is +12V output as for the power on/off switch when it is on?	NO →	Check IC9401 circuit of D9402, L9401 etc.

32″ TROUBLESHOOTING TABLE

Power unit operation check.

↓

Are the power cord and harness in the unit properly connected?

NO → Connect the power cord and harness properly, and turn on the power.

LINE_FILTER_UNIT: ↓ YES

Is F9901 F9902 normal?

NO →
- LINE_FILTER_UNIT: Isn't TH9901,L9901,L9902,FB9902,FB9901 out of order? Moreover, whether the short-circuit with the circumference circuit is checked.
- POWER_UNIT: BD9901, FB9810, D9811, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.

POWER_UNIT ↓YES

Is C9803 (+395V) output? (Set the main power SW to ON.)

NO → Does the PFC circuit operate normally? (L9904, Q9801, D9811, IC9801 and etc. And, the circuit around the protection circuit etc. is checked.)

↓YES

Is a voltage of +5V applied to pin (12,13) of connector (CN9002)? (Set the main power SW to ON.)

NO → Does the switching circuit operate normally? Check circuit around the primary side (T9301, IC9301, R9303, D9311, etc.), the secondary side (D9301, ZD9311, L9301, etc.), the AC_DET circuit (R9300, C9321, Q9313 etc.), and the protection circuit.

↓YES

Are +12V and +24V output as for the power on/off switch when it is on?

NO → Does the PFC circuit operate normally? Check circuit around the primary side (R9142, T9111, Q9121, Q9122, C9146 etc.), the secondary side (D9121, D9113, D9114, D9111, D9112 etc.), and the protection circuit.

↓YES

Similarly, is +12V output as for the power on/off switch when it is on?

NO → Check +12V circuit of D9111, D9112 etc.

[2] MAIN BOARD TROUBLESHOOTING TABLE

The sound is not emitted from the speaker though the picture has come out.

↓

No sound output in all modes?

TEREMINAL UNIT: ↓

Is the audio signal output of IC U401 (I2S bus) normal?

NO → Check IC U401 and its peripheral circuits.

↓YES

Is audio signal input to pin (15/20/21/22)(I2S bus) of IC U602 (AMP)?

NO → Check the II2S bus trace between U602 and U401

↓YES

Is MUTE circuit [Shutdown, OFF_MUTE] normal?

NO → Check the Mute circuit. (Q603, Q652, Q653 etc.)

↓YES

Is the audio signal output of pin (3, 4) (L-ch) and pin (1, 2) (R-ch) of CN601 (AOUDIO-CONNECTOR) normal?

NO → Check IC U602 and its peripheral circuits.

↓YES

Check Speaker Box (right and left) and wire harness.

No sound (during the reception of TV broadcasting)

↓

Does not the sound go out though the picture has come out when TV is received?

MAIN UNIT: ↓

Is the IF signal output from pin (13&14) of TUNER (TU101)/ pin (10&11) of TUNER (TU102)? → NO → Check the tuner and its peripheral circuits. Replace as required.

↓YES

Is the IF signal sent to pin (184&185) of IC U401? → NO → Check IC U401 its peripheral circuits.

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (1)

↓

Does not the sound of the audio signal input to SCART go out?

TEREMINAL UNIT: ↓

Is the audio signal properly sent to pin (6) (SCT1_AUL_IN) and pin (2) (SCT1_AUR_IN) of SCART (CN151)? → NO → Check the setting of an external input device that connects of CN151

↓YES

Is the audio signal properly sent to pin (2&15) of IC U605? → NO → Check the line between CN151 and IC U605

↓YES

Is the audio signal properly sent to pin (194&196) of IC U401? → NO → Is the audio signal properly sent to pin (194&196) of IC U401?

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (2)

↓

Does not the sound of the audio signal input to AV (Component) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2)(AV1_AudioLIN) and pin (4)(AV1_AudioRIN) of CN116? → NO → Check the connection to CN116 and the external input device.

↓YES

Is the audio signal properly sent to pin (5) and pin (14) of IC U605? → NO → Check the line between CN116 and IC U605.

↓YES

Is the audio signal properly sent to pin (194&196) of IC U401? → NO → Check the line between U605 and IC U401

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (3)

↓

Does not the sound of the audio signal input to AV (Composite) go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (4) (AV1_AudioLIN) and pin (6) (AV1_AudioRIN) of CN136? → NO → Check the connection to CN136 and the external input device.

↓YES

Is the audio signal properly sent to pin (4) and pin (11) of IC U605? → NO → Check the line between CN136 and IC U605.

↓YES

Is the audio signal properly sent to pin (194&196) of IC U401? → NO → Check the line between U605 and IC U401

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (4)

↓

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT: ↓

Is the audio signal properly sent to pin (2) (VGA_AudioLIN) and pin (3) (VGA_AudioRIN) of CN102? → NO → Check the connection to CN102 and the external input device.

↓YES

Is the audio signal properly sent to pin (1) and pin (12) of IC U605? → NO → Check the line between CN102 and IC U605.

↓YES

Is the audio signal properly sent to pin (194&196) of IC U401? → NO → Check the line between U605 and IC U401.

↓YES

Refer to “No sound output in all modes”.

No sound from external input devices (5)

↓

Does not the sound of the audio signal input to HDMI1/2 go out?

↓

Is picture of the signal input from HDMI1/2 displayed? → NO → Refer to “Does not the picture of the HDMI signal input to HDMI1/2 go out?”

↓YES

Refer to “No sound output in all modes”

The audio signal is not output (1)

↓

The audio signal of UHF/VHF is not output from SCART.

TEREMINAL UNIT: ↓

Is audio signal output from IC U603 sent to pin (3) (SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART(CN151)?

YES → Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U603?

YES → Check the line between IC U401 and IC U603.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓

The audio signal of UHF/VHF/MONITOR is not output from audio line output terminal.

TEREMINAL UNIT: ↓

Is audio signal output from IC U601 sent to pin (4)(SCT2_AUL_OUT) and pin(6)(SCT2_AUR_OUT) of SCART2(CN152)?

YES → Check the connection to AV output and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6)(2IN-)of IC U601?

YES → Check the line between IC U401 and IC U601.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

↓

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT: ↓

Is ASPDIF audio signal output from pin (206) of IC U401 to pin (2) of connector CN117?

YES → Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)

↓

No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT: ↓

Is the HP_DET# signal input into pin (253) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO → Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin (2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO → Check the line between IC U602 and CN602.

↓YES

Is the audio signal output from IC U401 pin (201) and pin (203) sent to pin (1)(HPL_IN) and pin(4)(HPR_IN) of IC U602?

NO → Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.

No picture on the display (1)

↓

The picture doesn't appear in all modes.

MAIN UNIT: ↓

Is LVDS signal output from 1st_channel and 2nd_channel of IC U401 in each mode?
(A0N/A0P),(A1N/A1P),(A2N/A2P),(A3N/A3P),(CK1N/CK1P)

NO → Check IC U401 and its peripheral control circuits.

↓YES

Is the above-mentioned LVDS signals output to connector CN408?

NO → Check the line between IC U401 and CN408.

↓YES

Is LCD controller's control signal normal?

NO → Control signals BRIGHT_ADJ, INVERTER_ON_OFF, PANEL_VCC_ON/OFF, and it peels off and whether normality is checked.

PANEL_UNIT: ↓YES

Similarly, is the LVDS signal input to connector of the panel module?

NO → Wire harness is checked. (main board to Panel module)

↓YES

Check the panel module.

No picture on the display (2)

↓

Does not the picture come out when Analog TV is received?

TERMINAL UNIT: ↓

Are the voltages of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied?

NO → Each power supply circuit is checked.

↓YES

Is IF signal output from pin (13), (14) of TUNER (TU101)/ pin (10), (11) of TU102 to in (184), (185) of IC U401?

NO → Check the tuner, IC U401 and their peripheral circuits. Replace as required.

MAIN_UNIT: ↓YES

Do X4150 (27.00MHz) oscillate?

NO → Check X4150 and its peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

No picture on the display (3)

↓

Does not the picture come out when Digital TV (Antenna/Cable) is received?

TERMINAL UNIT: ↓

Are the voltages of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied? — NO → Each power supply circuit is checked.

MAIN_UNIT: ↓YES

Is IF signal output from pin (13), (14) of TUNER (TU101)/ pin (10), (11) of TU102 to pin (35), (36) of IC U1011? — NO → Check the tuner, IC U1011 and their peripheral circuits. Replace as required.

↓YES

Are MPEG data (DEMOD_INDATA0, TSYNC, TVAL, and TCK) signals from pin (15), (16), (17), (18) of IC U1011 output to IC U401? — NO → Check MPEG data bus from IC TU1011 to IC U401.

↓YES

Do X4150 (27.00MHz) oscillate? — NO → Check X4150 and its peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input SCART>No picture on the display (4)

↓

Does not the picture of the CVBS signal input to SCART go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (20) of SCART (CN151)? — NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (175) of IC U401? — NO → Check the circuit between IC U401 and CN151.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input SCART>No picture on the display (5)

↓

Does not the picture of the R/G/B video signal input to SCART go out?

TERMINAL UNIT: ↓

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART (CN151)? NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is RGB signal sent to pin (161)/R, (160)/G, (158)/B of IC U401? NO → Check the line between IC U401 and CN151.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input SCART>No picture on the display (6)

↓

Does not the picture of the Y/C signal input to SCART1 go out?

TERMINAL UNIT: ↓

Is Y/C signal sent to pin (20) and (15) of SCART (CN151)? NO → Check the setting of an external input device that connects of CN151.

MAIN_UNIT: ↓YES

Is Y/C signal sent to pin (175)/Y, (161)/C of IC U401? NO → Check the line between IC U401 and CN151.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input AV> No picture on the display (7)

↓

Does not the picture of the composite video signal input to AV (Composite) go out?

TERMINAL UNIT: ↓

Is CVBS signal sent to pin (2) of AV (CN136)? NO → Check the setting of an external input device that connects of CN136.

MAIN_UNIT: ↓YES

Is CVBS signal sent to pin (181) of IC U401? NO → Check the line between IC U401 and CN136.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input HDMI1>No picture on the display (8)

↓

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO → Check the line between pin (50) of IC U501 and CN502.

↓NO

Check the connection and setup with the external HDMI devices.

↓YES

Are EDID data pin (6) (SCL) of IC U503 (EEPROM), pin (5) (SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal (CN502)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

Check CN502, IC U503 and peripheral circuits.

↓YES

Is TMDS signal input into pin(63, 62)/RX2-2±,(60, 59)/RX2-1±, (57, 56)/RX2-0±, (54, 53)/RX2-C± of IC U501?

NO → Check the line between IC U501 and CN502.

↓YES

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/_C± of IC U501?

Check IC U501 and peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input HDMI2>No picture on the display (9)

↓

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT: ↓

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN506) normal?

NO → Check the line between pin (35) of IC U501 and CN506.

↓

Check the connection and setup with the external HDMI devices.

YES ↓

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN506)?

NO → Is access possible in the re-writing or exchange of EDID data of IC U504?

↓NO

YES ↓

Check CN506, IC U504 and peripheral circuits.

Is TMDS signal input into pin(48, 47)/RX3-2±,(45, 44)/RX3-1±, (42, 41)/RX3-0±, (39, 38)/RX3-C± of IC U501?

NO → Check the line between IC U501 and CN506.

↓YES

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/_C± of IC U501?

NO → Check IC U501 and peripheral circuits.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input VGA>No picture on the display (10)

↓↓

Does not the picture of the PC IN (ANALOG) video signal input to VGA (15pin-D-SUB terminal) go out?

TERMINAL_UNIT: ↓

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO → Check the setting of an external input device that connects of CN101.

MAIN_UNIT: ↓YES

Is R/G/B/H/V signal sent to pin (156)/R, (154)/G, (152)/B, (151)/H, (150)/V of IC U401?

NO → Check the line between IC U401 and CN101.

↓YES

Refer to “The picture doesn't appear in all modes.”

<External input YPbPr(Component)> No picture on the display (11)

↓

Does not the picture of the component video signal input to Component go out?

TERMINAL_UNIT: ↓

Is Component Y/Pb/Pr signal sent to pin (2)/Y, (4)/Pb, (6)/Pr of YPbPr(CN111) ?

NO → Check the setting of an external input device that connects of CN111.

MAIN_UNIT: ↓YES

Is Component Y/Pb/Pr signal sent to pin (163)/Y, (165)/Pb, (166)/Pr of IC U401?

NO → Check the line between IC U401 and CN111.

↓YES

Refer to “The picture doesn't appear in all modes.”

< During external connection > No picture on the monitor (1)

↓

No picture appears on SCART - connected monitor during the tuner (U/V) reception.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? …Set it to “CVBS”, “Y/C”, “RGB”, “AUTO”.
2) Is ANT-CABLE disconnected or connected improperly? …Connect it correctly as per the operation manual.
3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART, AV.
   When sent by component, etc., that signal is not sent to the monitor.
4) When the monitor picture is not sent and is not displayed on the monitor, refer to “No picture” for each terminal.
5) The video output from SCART is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN151 (SCART)? → YES → Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (170) CVBS signal output into pin (19) of CN151 (SCART)? → YES → Check the line between CN151 and U401.

↓NO

Refer to “The picture doesn't appear in all modes.”

< During external connection > No picture on the monitor (2)

AVOUT: ↓

No picture from SCART appears on AV OUT connected monitor.

↓

Checklist:
1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? .
2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART, AV.
   When sent by component, etc., that signal is not sent to the monitor.
3) When the monitor picture is not sent and is not displayed on the monitor, refer to “No picture” for each terminal.
4) The video output from SCART1 is not the monitor output (output of the picture now watching).
   The picture of the last selected TV channel is always sent to SCART. (Specification)

TERMINAL_UNIT: ↓

Is CVBS signal output into pin (19) of CN152 (AV OUT)? → YES → Check the setting of an external input device that connects of CN152.

↓NO

Is CVBS signal output from pin (170) of IC U401 into pin (2) of CN152 (AV OUT)? → YES → Check the line between CN152 and IC U401.

↓NO

Refer to “The picture doesn't appear in all modes.”

CHAPTER 5. MAJOR IC INFORMATIONS

[1] MAJOR IC INFORMATIONS

1. MAJOR IC INFORMATIONS

1.1 U401 (MT5366CAOU LQFP-256)

GENERAL DESCRIPTION

The MediaTek MT5365/66 family is a backend decoder and a TV controller and offers high integration for advanced applications. It combines a transport de-multiplexer, a high definition video decoder, an AC3 audio decoder, a dual-link LVDS/mini-LVDS transmitter, and an NTSC/PAL/SECAM TV decoder with a 3D comb filter (NTSC/PAL). The MT5365/66 enables consumer electronics manufactures to build high quality, low cost and feature-rich DTV.

World-Leading Audio/Video Technology: The MT5365/66 supports Full-HD MPEG1/2/4/DiviX/VC1/RM/H.264/AVS video decoder standards, and JPEG. The MT5365/66 also supports MediaTek MDDi^{TM} de-interlace solution can reach very smooth picture quality for motions. A 3D comb filter added to the TV decoder recovers great details for still pictures. The special color processing technology provides natural, deep colors and true studio quality video.
Also, the MT5365/66 family has built-in high resolution and high-quality audio codec.

Rich Features for High Value Products: The MT5365/66 family enables true single-chip experience. It integrates high-quality HDMI1.3 (partial HDMI1.4), high speed VGA ADC, dual-channel LVDS, USB2.0 receiver , Ethernet, TCON and panel overdrive.

Key Features:

1. Worldwide multi-standard analog TV demodulator
2. A transport demultiplexer
3. A muti-standard video decoder
4. An AC3/MPEG2 audio decoder
5. HDMI1.3 receiver (cover HDMI1.4 partial Spec)
6. Audio codec
7. TCON
8. Ethernet
9. Panel overdrive control
10. Local dimming

GENERAL FEATURE LIST

Host CPU

- ARM1176JZS-756MHz
- 16K I-Cache and 16K D-Cache
- 14K Boot ROM
- JTAG ICE interface
- Watch Dog timers

Transport Demultiplexer

- New generation 2 demux design
- Supports one serial transport stream input
- Supports ATSC, DVB-T, DVB-C transport stream input
- Support DES / 3-DES / DVB / AES / Multi-2 de-scramblers
- Up to 8 even/odd keys for descrambling
- Supports 32 PID filters and 32 section filters
- Supports 32 PID filters for recording
- Supports hardware CRC-32 check
- Supports PCR recovery function
- Supports a micro-processor for stream process and video start code detection

MPEG2 Decoder

- MPEG MP@ML, MP@HL
- Supports de-blocking filter

MPEG1 Decoder

MPEG4 HD Decoder

ASP@L5

H.264 (MPEG4 Part 10) HD Decoder (AVC)

MP@L4.0, HP@L4.0, constrained BP@L3 video standard

VC-1 (SMPTE421M)

MP@HL, AP@L3(Partial Support, support up to 1920x1080)

WMV9 decoder MP@HL

DivX (XviD) Decoder

DIVX3 / DIVX4 / DIVX5 / DIVX6 / DIVX HD

AVS Decoder

Jizhun profile @Level 6.0.1

RMVB Decoder

RealVideo8/9/10

Soreson H.263

Still Image decoding

JPEG (base-line or progressive)

De-mosquito engine

2D/3D for all AV inputs

2D Graphics

Supports multiple color modes

Point, horizontal/vertical line primitive drawings

Rectangle fill and gradient fill functions

Bitblt with transparent options

Alpha blending and optional pre-multiplied alpha composition Bitblt

Stretch Bitblt

YCbCr to RGB color space conversion

Support index to direct mode bitblt

Image Resizer

Supports 16bpp/32bpp direct color format.

Supports 420/422 video format.

Supports 420/422/444 JPEG format.

Arbitrary ratio vertical/horizontal scaling of video, from 1/128X to 128X

Simple DMA.

OSD Plane

Three linking list OSDs with multiple color mode and two of them has up-scaler

Video Plane

Supports video freeze and over scan.

Flesh tone management

Gamma correction

Color Transient Improvement (CTI)

2D Peaking

Saturation/hue adjustment

Brightness and contrast adjustment

Black and White level extender

Adaptive Luma management

Automatic detect video, film and mixed-mode source

3:2/2:2 pull down source detection

Supports FHD motion-adaptive de-interlace in 32bit dram interface

Supports excellent low angle image processing

Brilliant boundary shaping for moving object

Advanced non-linear panorama scaling.

Programmable zoom viewer

Progressive scan output

Supports alpha blending for OSD on video plane.

Dithering processing for flat panel display

Frame rate conversion.

Supports FHD panel and VGA dot-to-dot

Supports PIP/POP, (dual de-interlace, one HD and one SD)

OD

Support 60Hz Full-HD and WXGA panel over drive.

TCON

Flexible timing control with programmable timing

i. Horizontal timing control

ii. Vertical timing control

iii. Multi-line timing control

iv.Multi-frame timing control

Support gate power modulation timing

Support 1/2/4/8 frame inversion, 1-line inversion, 2-line inversion, and could up to 255-line dot inversion

Local Dimming

Block division: up to 800 total blocks, up to 100 horizontal blocks

Support 50K ~ 50M SPI clock rate

LVDS

Support 6/8/10/12-bit one-link, or 6/8/10-bit dual-link LVDS transmitter,

Built-in spread spectrum for EMI performance

Programmable panel timing output

Mini-LVDS

Single port 6/8-bit 6 pairs mini-LVDS output for WXGA 60Hz panel

Single port 6/8-bit 3 pairs mini-LVDS output for WXGA 60Hz panel

Dual port 6/8-bit 3 pairs mini-LVDS output for WXGA 60Hz panel

Single port 8bit 6 pairs mini-LVDS output for FHD 60Hz panel

Dual port 8 bit 6 pair mini-LVDS output for FHD 60Hz panel

Dual port 8bit 3 pairs mini-LVDS output for FHD 60Hz panel

CVBS In

On-chip 54 MHz 10-bit video ADC

Supports PAL (B,G,D,H,M,N,I,Nc), NTSC, NTSC-4.43, SECAM

NTSC/PAL supports 3D/2D comb filter

Built-in motion-adaptive 3D Noise Reduction

VBI data slicer for CC/TT decoding

Supports 2 S-Video.

MT5366 support 3-channel CVBS. MT5365 support 2-channel CVBS.

Supports SCART connector

VGA In

Supports VGA input up to UXGA 162 MHz

Supports full VESA standards

Component Video In

Supports two component video inputs

Supports 480i / 480p / 576i / 576p / 720p / 1080i / 1080p

Audio ADC

MT5366 support 7-pair L/R input, MT5365 support 1-pair L/R input

Audio digital input

MT5366 support 5 bit (10 channel) I2S audio input (muxed with GPIO), MT5365 support 2 bit (4 channel) I2S audio input (muxed with GPIO).

HDMI Receiver

One channel HDMI1.4

v. Maximum data rate can be up to 3.3 GHz

vi. Support 3D video format

vii. Audio Return channel

EIA/CEA-861B

CEC

Video bypass

TV bypass

CVBS Monitor (any AV input)

TV audio demodulator

Supports BTSC / EIA-J / A2 / NICAM / PAL FM / SECAM world-wide formats

Standard automatic detection

Stereo demodulation, SAP demodulation

Mode selection (Main/SAP/Stereo)

Audio DAC

MT5366 support 4-pair audio DACs, MT5365 support 2-pair audio DACs

DRAM Controller

16/32-bit DDR2/DDR3 interface, (MT5365 only support 16-bit DRAM)

MT5365 Support DDR2 1026 MHz, DDR3 1188MHz. MT5366 Support DDR2 1026MHz, DDR3 1242MHz.

Supports 512Mb or 1 Gb DDR2 DRAM device and 1Gb or 2Gb DDR3 device. MT5365 has 16-bit data bus offers up to 256MB space (one x16 DRAM device), and MT5366 has 32-bit data bus offers up to 512MB space (two x16 DRAM device).

Supports DDR2-800/DDR2-1066/DDR3-1333/DDR3-1600 device

Audio DSP

Supports Dolby Digital AC-3 decoding (ATSC)

MPEG-1 layer I/II decoding

Support WMA / HE-AAC

Dolby Prologic II

Audio output: 5.1ch + 2ch (down mix) + 2ch(bypass)

Pink noise and white noise generator

Equalizer

Bass management

3D surround processing with virtual surround

Audio and video lip synchronization

Supports bass/treble

Automatic volume control

MT5366 supports 5-bit (10-channel) main audio I2S output interface, MT5365 support 2-bit (4-channel) main audio I2S output interface: each of these channels is up to 24-bit resolution.

S/PDIF interface

Support SPDIF in bypass

One SPDIF out

Analog TV IF Demodulator

Supports world-wide analog TV standard

Accept Low IF frequency

Full digital AGC control and carrier recovery

Embedded SAW filter and IF Amplifier. Cost effective TV front-end structure and no more costs on

viii. External analog SAW filters (Video/Audio)

ix. External analog IF demodulator

x. Extra peripheral circuit on CVBS signal data path

xi. External SAW filter and IF VGA on tuner

Peripherals

MT5366 support three built-in UARTs with Tx and Rx FIFO, MT5365 support two UART (one is muxed with GPIO).

MT5366 support MII/RMII interface (built-in Ethernet MAC), MT5365 support RMII only.

Seven basic serial interfaces; one is for the tuner, one is the master for general purpose, and one is the slave for

VGA DDC, the other four extra slave serial interfaces used for HDMI EDID data (three are muxed with GPIO).

MT5366 support three PWMs, MT5365 support two PWMs (one is muxed with GPIO).

IR receiver

Real-time clock and watchdog controller

Built-in 2-link USB2.0/1.1, USB port0 supports external hub

Built-in uP for standby mode

Support SDIO interface pin muxed with smart card

Supports two serial flash or one serial and one NAND flash

MT5366 supports six-input low-speed ADC, MT5365 support five-input low-speed ADC.

Supports boundary scan (JTAG)

IC Outline

The MT5366 is 21x21mm PBGA Package, MT5365 is 256-pin LQFP package with EPAD

3.3V/1.12V/1.2V and 1.8V for DDR2 or 1.5V for DDR3

1.2 U701/U702 (TPS54319RTER QFN-16)

Description

The TPS54319 device is a full featured 6 V, 3 A, synchronous step down current mode converter with two integrated MOSFETs.

The TPS54319 enables small designs by integrating the MOSFETs, implementing current mode control to reduce external component count, reducing inductor size by enabling up to 2 MHz switching frequency, and minimizing the IC footprint with a small 3mm x 3mm thermally enhanced QFN package.

The TPS54319 provides accurate regulation for a variety of loads with an accurate ±3.0% Voltage Reference (VREF) over temperature.

Efficiency is maximized through the integrated 45mΩ MOSFETs and 360mA typical supply current. Using the enable pin, shutdown supply current is reduced to 2 μA by entering a shutdown mode.

Under voltage lockout is internally set at 2.6 V, but can be increased by programming the threshold with a resistor network on the enable pin. The output voltage startup ramp is controlled by the slow start pin. An open drain power good signal indicates the output is within 93% to 107% of its nominal voltage.

Frequency fold back and thermal shutdown protects the device during an over-current condition.

The TPS54319 is supported in the SwitcherPro™ Software Tool at www.ti.com/switcherpro.

For more SWIFTTMdocumentation, see the TI website at www.ti.com/swift.

Features

· Two 45-mΩ (typical) MOSFETs for High Efficiency at 3-A Loads

· 300kHz to 2MHz Switching Frequency

· 0.8 V ± 3.0% Voltage Reference Over Temperature (0°C to 85°C)

· Synchronizes to External Clock

· Adjustable Slow Start/Sequencing

· UV and OV Power Good Output

· –40°C to 150°C Operating Junction Temperature Range

· Thermally Enhanced 3mm × 3mm 16-pin QFN

Applications

· Low-Voltage, High-Density Power Systems

· Point-of-Load Regulation for Consumer Applications such as Set Top Boxes, LCD Displays, CPE Equipment

1.3 U1011 (MT5135AE LQFP-128)

GENERAL DESCRIPTION

MT5135AE is an integrated channel demodulator for European TV solutions. It provides high performance DVB-T and DVB-C demodulation function with low overall costs. The integrated SAW filter technology eliminates the need for on-board SAW filters and VGAs, resulting in a lower BOM cost and a more compact PCB design. The integrated CI+ controller and interface also reduce the complexity of TS routing.

The integrated DVB-T and DVB-C demodulators fully comply with the related ETSI and ITU standards. They meet performance requirements of NorDig nified, C-Book, and D-Book. A high-performance analog front-end, consisting of a PGA and a 10-bit ADC preceding the digital data path, can accept the IF or low-IF signal inputs directly from RF can tuners or silicon tuners. The digital data path realizes a set of refined algorithms to achieve quality demodulation under varying channel conditions and impairments. An on-chip micro-processor controls the robust acquisition flow for both DVB-T and DVB-C demodulators, and thus enables MT5135AE to successfully lock on the desired TV channel with a high carrier frequency offset (CFO) or timing frequency offset (TFO). In addition proprietary mechanisms are incorporated to speed up the channel scan. They include the automatic mode detection for DVB-T, and the automatic symbol rate and modulation type detection for DVB-C.

With MT5135AE, the cost and system complexity of a TV can be significantly reduced. Taking advantage of the integrated SAW filter technology, the SAW filter together with the accompanying VGA, conventionally found on board or inside a NIM, can be spared. This solution calls for a simple RF tuner directly feeding the IF inputs of MT5135AE, leaving a lean PCB design with a smaller component count and a lower BOM cost as well. Furthermore, MT5135AE provides an integrated CI+ controller with the complete complementing interfaces among the CAM, the main decoder chip, and an additional demodulator chip. When not in use, these interfaces can be set to hi-impedance mode to support multiple demodulators or multiple CAMs operation. With the highly flexible CI+ controller and interfaces, MT5135AE effectively addresses the TS routing complexity for the application scenarios such as simultaneous PVR recording and playback, or time-shift playback. The need for on-board TS multiplexers is eliminated and the PCB layout can be kept as compact as possible.

GENERAL FEATURE LIST

Overall Features

- Integrated DVB-T and DVB-C demodulators
- Integrated CI/CI+ controller and interface
- On-chip integrated SAW filter function for lower BOM cost
- On-chip high-performance PGA and 10-bit ADC accepting IF or low-IF inputs
- RSSI measurement
- Independent RF and IF AGC controls
- On-chip micro-processor for acquisition control
- Good CAM compatibility
- One parallel or serial TS interface accepting outputs from other demodulator chips
- TS interfaces supporting instant playback and PVR recording and playback
- SPI for host communication
- On-chip SIF master for tuner control
- Low power consumption: less than 200 mW
- LQFP-128 14 x 14 mm2 package

DVB-T Demodulator Features

- ETSI 300 744 & NorDig Unified compliant
- Excellent performance for SFN & Indoor reception
- Supporting 2k and 8k modes
- Supporting QPSK,16-, and 64-QAM constellations
- Supporting 1/4, 1/8, 1/16, and 1/32 guard intervals
- Supporting hierarchical & non-hierarchical modes
- Accepting 6,7,8 MHz channel bandwidth
- Automatic mode detection
- Full-digital timing/frequency with wide acquisition range
- Support triple offset
- Excellent adjacent channel interference (ACI) rejection capability
- Excellent co-channel interference (CCI) rejection capability
- Fast channel lock time

DVB-C Demodulator Features

- ETSI 300 429, ITU J.83 Annex A, NorDig Unified, and C-Book compliant

■ Wide symbol rate support: 1 to 7 Msps

■ Supporting 16-, 32-, 64-, 128-, and 256-QAM

■ Full-digital timing/frequency with wide acquisition range

■ Automatic symbol rate and modulation type detection for fast channel scan

■ Excellent narrow-band interference rejection capability

Applications

■ Set-top boxes

■ Integrated digital televisions (iDTV)

■ Network Interface Modules (NIMs)

1.4 U602 (TAS5717L 10W HTQFP-48)

FEATURES

· **Audio Input/Output**

–7 W Into an 8-Ω Load From a 12-V Supply

–Wide PVDD Range, From 8 V to 26 V

–Efficient Class-D Operation Eliminates Need for Heatsinks

–Requires Only 3.3 V and PVDD

–One Serial Audio Input (Two Audio Channels)

–I2C Address Selection via PIN (Chip Select)

–Supports 8-kHz to 48-kHz Sample Rate (LJ/RJ/I2S)

–External Headphone-Amplifier Shutdown Signal

–Integrated CAP-Free Headphone Amplifier

–Stereo Headphone (Stereo 2-V RMS Line Driver) Outputs

· **Audio/PWM Processing**

–Independent Channel Volume Controls With 24-dB to Mute

–DC Blocking Filters

· **General Features**

–Serial Control Interface Operational Without MCLK

–Factory-Trimmed Internal Oscillator for Automatic Rate Detection

–Surface Mount, 48-Pin, 7-mm × 7-mm HTQFP Package

–Thermal and Short-Circuit Protection

· **Benefits**

–DirectPath Technology: Eliminates Bulky DC Blocking Capacitors

–Stereo Headphone/Stereo Line Drivers: Adjust Gain via External Resistors, Dedicated Active Headpone Mute Pin, High Signal-to-Noise Ratio

–Two-Band DRC: Set Two Different Thresholds for Low- and High-Frequency Content

–Volume Control: Soft Volume

DESCRIPTION

The TAS5717L is a 7-W, efficient, digital audio-power amplifier for driving stereo bridge-tied speakers. One serial data input allows processing of up to two discrete audio channels and seamless integration to most digital audio processors and MPEG decoders. The device accepts a wide range of input data and data rates.

The TAS5717L is a slave-only device receiving all clocks from external sources. The TAS5717L operates with a PWM carrier between a 384-kHz switching rate and a 352-KHz switching rate, depending on the input sample rate. Oversampling combined with a fourth-order noise shaper provides a flat noise floor and excellent dynamic range from 20 Hz to 20 kHz.

1.5 U601 (WM8524GEDT/R TSSOP-16 WOLFSON)

DESCRIPTION

The WM8524 is a stereo DAC with integral charge pump and hardware control interface. This provides 2Vrms line driver outputs using a single 3.3V power supply rail.

The device features ground-referenced outputs and the use of a DC servo to eliminate the need for line driving coupling capacitors and effectively liminate power on pops and clicks.

The device is controlled and configured via a hardware control interface.

The device supports all common audio sampling rates between 8kHz and 192kHz using all common MCLK fs rates. The audio interface operates in slave mode.

The WM8524 has a 3.3V tolerant digital interface, allowing logic up to 3.3V to be connected.

The device is available in a 16pin TSSOP.

FEATURES

· High performance stereo DAC with ground referenced line driver

· Audio Performance

- 106dB SNR (.A-weighted.)
- -91dB THD @ -1dBFS

· 120dB mute attenuation

· All common sample rates from 8kHz to 192kHz supported

· Hardware control mode

· Data formats: LJ, RJ, I^2S

· Maximum 1mV DC offset on Line Outputs

· Pop/Click suppressed Power Up/Down Sequencer

· AVDD and LINEVDD +3.3V ±10% allowing single supply

· 16-lead TSSOP package

· Operating temperature range: -40°C to 85°C

APPLICATIONS

· Consumer digital audio applications requiring 2Vrms output

- Games Consoles
- Set Top Box
- A/V Receivers
- DVD Players
- Digital TV

1.6 U501 (TMDS251PAGR TQFP64)

Description

The TMDS251 is a 2-port digital video interface (DVI) or high-definition multimedia interface (HDMI) switch that allows up to 2 DVI or HDMI ports to be switched to a single display terminal. Four TMDS channels, one hot plug detector, and a digital display control (DDC) interface are supported on each port. Each TMDS channel supports signaling rates up to 2.5 Gbps to allow 1080p resolution in 12-bit color depth.

The input port is enabled by configuring source selectors, S1 and S2. When an input port is selected, the TMDS inputs are connected to the TMDS outputs through a 2-to-1 multiplexer, the MOSFET between the input DDC channel and the output DDC channel is turned on, and the HPD output follows the state of the HPD_SINK. The other input port is inactive with disconnected input terminations, disconnected TMDS inputs to the outputs, disconnected DDC inputs to the outputs, and the HPD outputs are low state. Check the source selection look up table for the details of port selections.

When S1 is high and S2 is low, all input terminations are disconnected, TMDS inputs are high impedance with standard TMDS terminations, all internal MOSFETs are turned off to disable the DDC links, and all HPD outputs are connected to the HPD_SINK. This allows the initiation of the HDMI physical address discovery process.

Termination resistors (50-Ω), pulled up to VCC, are integrated at each TMDS receiver input. External terminations are not required. A precision resistor is connected externally from the VSADJ pin to ground for setting the differential output voltage to be compliant with the TMDS standard.

The TMDS251 provides two levels of receiver input equalization for different ranges of cable lengths. Each TMDS receiver owns frequency responsive equalization circuits. When EQ sets low, the receiver supports the input connection in short range HDMI cables. When EQ sets high, the receiver supports the input connection in long range HDMI cables. The TMDS251 supports power saving operation. When a system is under standby mode and there is no digital audio/visual content from a connected source, the 3.3-V supply voltage, VCC, can be powered off to minimize power consumption from the TMDS inputs, outputs, and internal switching circuits. The HPD, DDC, and source selection circuits are powered up by the 5-V supply voltage, VDD, to maintain the system hot plug detect response, the DDC link from the selected source to the sink under system standby operation. The device is characterized for operation from 0°C to 70°C.

FEATURES

· Compatible with HDMI 1.3a

· Supports 2.5 Gbps Signaling Rate for 480i/p, 720i/p, and 1080i/p Resolutions up to 12-Bit Color Depth

· Integrated Switchable Receiver Termination

· Integrated Switchable Receiver Termination Accommodate to Different Input Cable Lengths

· Intra-Pair Skew < 40 ps

· Inter-Pair Skew < 65 ps

· HBM ESD Protection Exceeds 8 kV to TMDS Inputs

· 3.3-V Fixed Supply to TMDS I/Os

· 5-V Fixed Supply to HPD, DDC, and Source Selection Circuits

· 64-Pin TQFP Package

· Footprint Compatible with 3-to-1 Switch TMDS351 with Port 3 Disabled

· ROHS Compatible and 260°C Reflow Rated

· TMDS250 is Available with Port 1 Disabled and Ports 2 and 3 Enabled

· Supports 5-V to 3.3-V Level Shifting on DDC Links

Applications

· Digital TV

· Digital Projector

1.7 U605 (CD4052BPWR TSSOP-16)

Description

The CD4051B, CD4052B, and CD4053B analog multiplexers are digitally-controlled analog switches having low ON impedance and very low OFF leakage current. Control of analog signals up to 20VP-P can be achieved by digital signal amplitudes of 4.5V to 20V (if VDD-VSS = 3V, a VDD-VEE of up to 13V can be controlled; for VDD-VEE level differences above 13V, a VDD-VSS of at least 4.5V is required). For example, if VDD = +4.5V, VSS = 0V, and VEE = -13.5V, analog signals from -13.5V to +4.5V can be controlled by digital inputs of 0V to 5V. These multiplexer circuits dissipate extremely low quiescent power over the full VDD-VSS and VDD-VEE supply-voltage ranges, independent of the logic state of the control signals. When a logic “1” is present at the inhibit input terminal, all channels are off.

The CD4051B is a single 8-Channel multiplexer having three binary control inputs, A, B, and C, and an inhibit input. The three binary signals select 1 of 8 channels to be turned on, and connect one of the 8 inputs to the output.

The CD4052B is a differential 4-Channel multiplexer having two binary control inputs, A and B, and an inhibit input. The two binary input signals select 1 of 4 pairs of channels to be turned on and connect the analog inputs to the outputs. The CD4053B is a triple 2-Channel multiplexer having three separate digital control inputs, A, B, and C, and an inhibit input. Each control input selects one of a pair of channels which are connected in a single-pole, double-throw configuration.

When these devices are used as demultiplexers, the “CHANNEL IN/OUT” terminals are the outputs and the “COMMON OUT/IN” terminals are the inputs.

FEATURES

· Wide Range of Digital and Analog Signal Levels

- Digital . . . . . 3V to 20V
- Analog. . . . . ≤20VP-P

· Low ON Resistance, 125Ω (Typ) Over 15VP-P Signal Input Range for VDD-VEE = 18V

· High OFF Resistance, Channel Leakage of ±100pA (Typ) at VDD-VEE = 18V

· Logic-Level Conversion for Digital Addressing Signals of 3V to 20V (VDD-VSS = 3V to 20V) to Switch Analog Signals to 20VP-P (VDD-VEE = 20V)

· Matched Switch Characteristics, rON = 5Ω (Typ) for VDD-VEE = 15V

· Very Low Quiescent Power Dissipation Under All Digital- Control Input and Supply Conditions, 0.2μW (Typ) at VDD-VSS = VDD-VEE = 10V

· Binary Address Decoding on Chip

· 5V, 10V, and 15V Parametric Ratings

· 100% Tested for Quiescent Current at 20V

· Maximum Input Current of 1μA at 18V Over Full Package Temperature Range, 100nA at 18V and 25oC

· Break-Before-Make Switching Eliminates Channel Overlap

Applications

· Analog and Digital Multiplexing and Demultiplexing

· A/D and D/A Conversion

· Signal Gating

1.8 U4051 (HY27US08561A-TPCB 256Mb TSOP1-48)

SUMMARY Description

The HYNIX HY27(U/S)S(08/16)561A series is a 32Mx8bit with spare 8Mx16 bit capacity. The device is offered in 1.8V Vcc Power Supply and in 3.3V Vcc Power Supply.

Its NAND cell provides the most cost-effective solution for the solid state mass storage market.

The memory is divided into blocks that can be erased independently so it is possible to preserve valid data while old data is erased.

The device contains 2048 blocks, composed by 32 pages consisting in two NAND structures of 16 series connected Flash cells.

A program operation allows to write the 512-byte page in typical 200us and an erase operation can be performed in typical 2ms on a 16K-byte(X8 device) block.

Data in the page mode can be read out at 50ns cycle time per byte. The I/O pins serve as the ports for address and data input/output as well as command input. This interface allows a reduced pin count and easy migration towards different densities, without any rearrangement of footprint.

Commands, Data and Addresses are synchronously introduced using $\overline{CE}$, $\overline{WE}$, ALE and CLE input pin.

The on-chip Program/Erase Controller automates all program and erase functions including pulse repetition, where required, and internal verification and margining of data.

The modifying can be locked using the $\overline{WP}$ input pin.

The output pin R/$\overline{B}$ (open drain buffer) signals the status of the device during each operation. In a system with multiple memories the R/$\overline{B}$ pins can be connected all together to provide a global status signal.

Even the write-intensive systems can take advantage of the HY27(U/S)S(08/16)561A extended reliability of 100K program/ erase cycles by providing ECC (Error Correcting Code) with real time mapping-out algorithm.

The chip could be offered with the $\overline{CE}$ don't care function. This function allows the direct download of the code from the NAND Flash memory device by a microcontroller, since the $\overline{CE}$ transitions do not stop the read operation.

The copy back function allows the optimization of defective blocks management: when a page program operation fails the data can be directly programmed in another page inside the same array section without the time consuming serial data insertion phase.

This device includes also extra features like OTP/Unique ID area, Block Lock mechanism, Automatic Read at Power Up, Read ID2 extension.

The Hynix HY27(U/S)S(08/16)561A series is available in 48 - TSOP1 12 x 20 mm , 48 - USOP1 12 x 17 mm, FBGA 9 x 11 mm.

FEATURES SUMMARY

HIGH DENSITY NAND FLASH MEMORIES

- Cost effective solutions for mass storage applications

NAND INTERFACE

- x8 or x16 bus width.
- Multiplexed Address/ Data
- Pinout compatibility for all densities

SUPPLY VOLTAGE

- 3.3V device: VCC = 2.7 to 3.6V : HY27USXX561A
- 1.8V device: VCC = 1.7 to 1.95V : HY27SSXX561A

Memory Cell Array

= (512+16) Bytes x 32 Pages x 2,048 Blocks

= (256+8) Words x 32 pages x 2,048 Blocks

PAGE SIZE

- x8 device : (512 + 16 spare) Bytes
  : HY27(U/S)S08561A
- x16 device: (256 + 8 spare) Words
  : HY27(U/S)S16561A

BLOCK SIZE

- x8 device: (16K + 512 spare) Bytes
- x16 device: (8K + 256 spare) Words

PAGE READ / PROGRAM

- Random access: 3.3V: 12us (max.)
  1.8V: 15us (max.)
- Sequential access: 3.3V: 50ns (min.)
  1.8V: 60ns (min.)
- Page program time: 200us (typ.)

COPY BACK PROGRAM MODE

- Fast page copy without external buffering

FAST BLOCK ERASE

- Block erase time: 2ms (Typ.)

STATUS REGISTER

ELECTRONIC SIGNATURE

- 1st cycle : Manufacturer Code
- 2nd cycle: Device Code

CHIP ENABLE DON'T CARE

- Simple interface with microcontroller

AUTOMATIC PAGE 0 READ AT POWER-UP OPTION

- Boot from NAND support
- Automatic Memory Download

SERIAL NUMBER OPTION

HARDWARE DATA PROTECTION

- Program/Erase locked during Power transitions

DATA INTEGRITY

- 100,000 Program/Erase cycles (with 1bit/512byte ECC)
- 10 years Data Retention

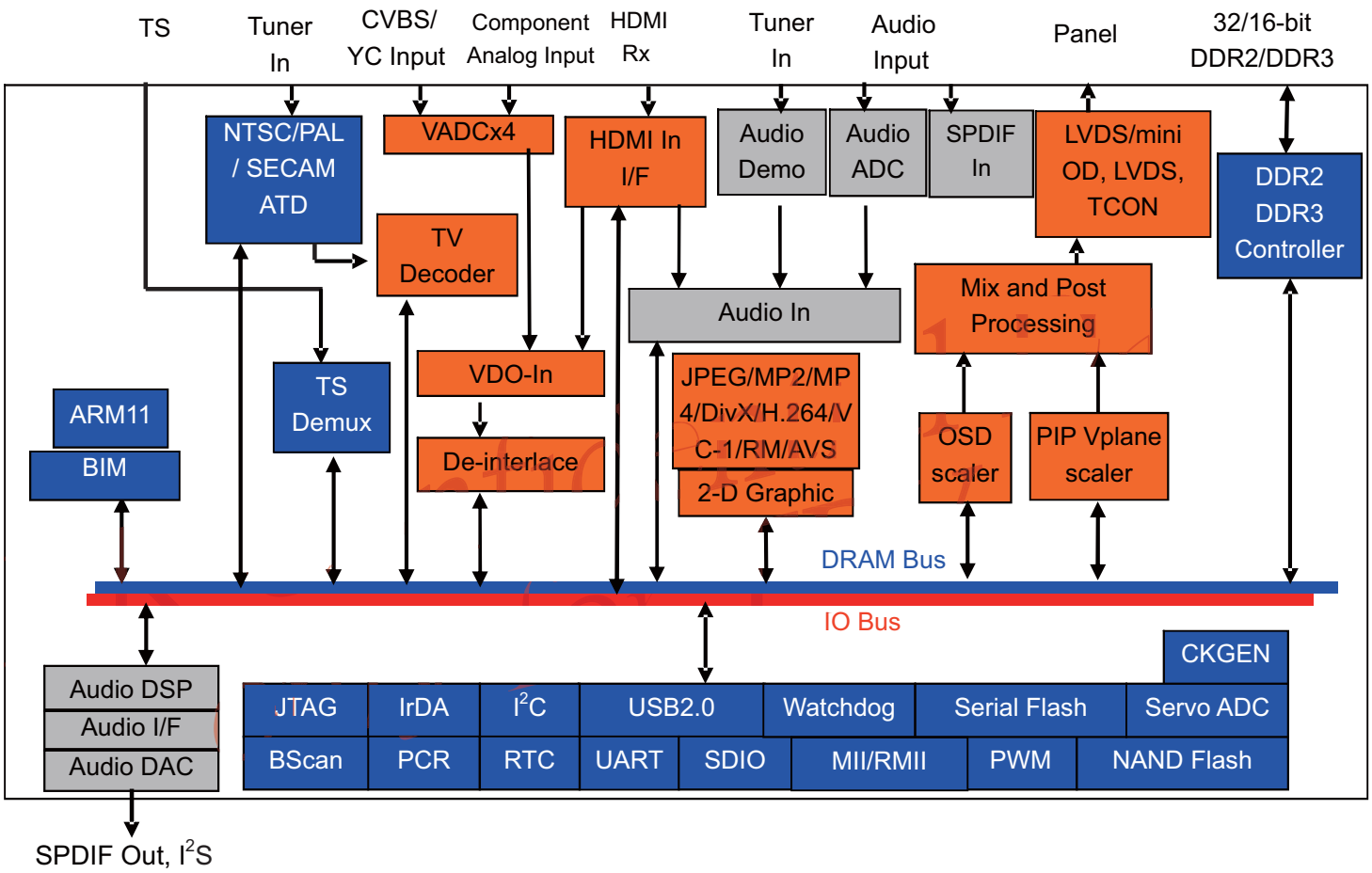
PACKAGE

- HY27(U/S)S(08/16)561A-T(P)
  : 48-Pin TSOP1 (12 x 20 x 1.2 mm)
  - HY27(U/S)S(08/16)561A-T (Lead)
  - HY27(U/S)S(08/16)561A-TP (Lead Free)
- HY27(U/S)S(08/16)561A-S(P)
  : 48-Pin USOP1 (12 x 17 x 0.65 mm)
  - HY27(U/S)S(08/16)561A-S (Lead)
  - HY27(U/S)S(08/16)561A-SP (Lead Free)
- HY27(U/S)S(08/16)561A-F(P)
  : 63-Ball FBGA (9 x 11 x 1.0 mm)
  - HY27(U/S)S(08/16)561A-F (Lead)
  - HY27(U/S)S(08/16)561A-FP (Lead Free)

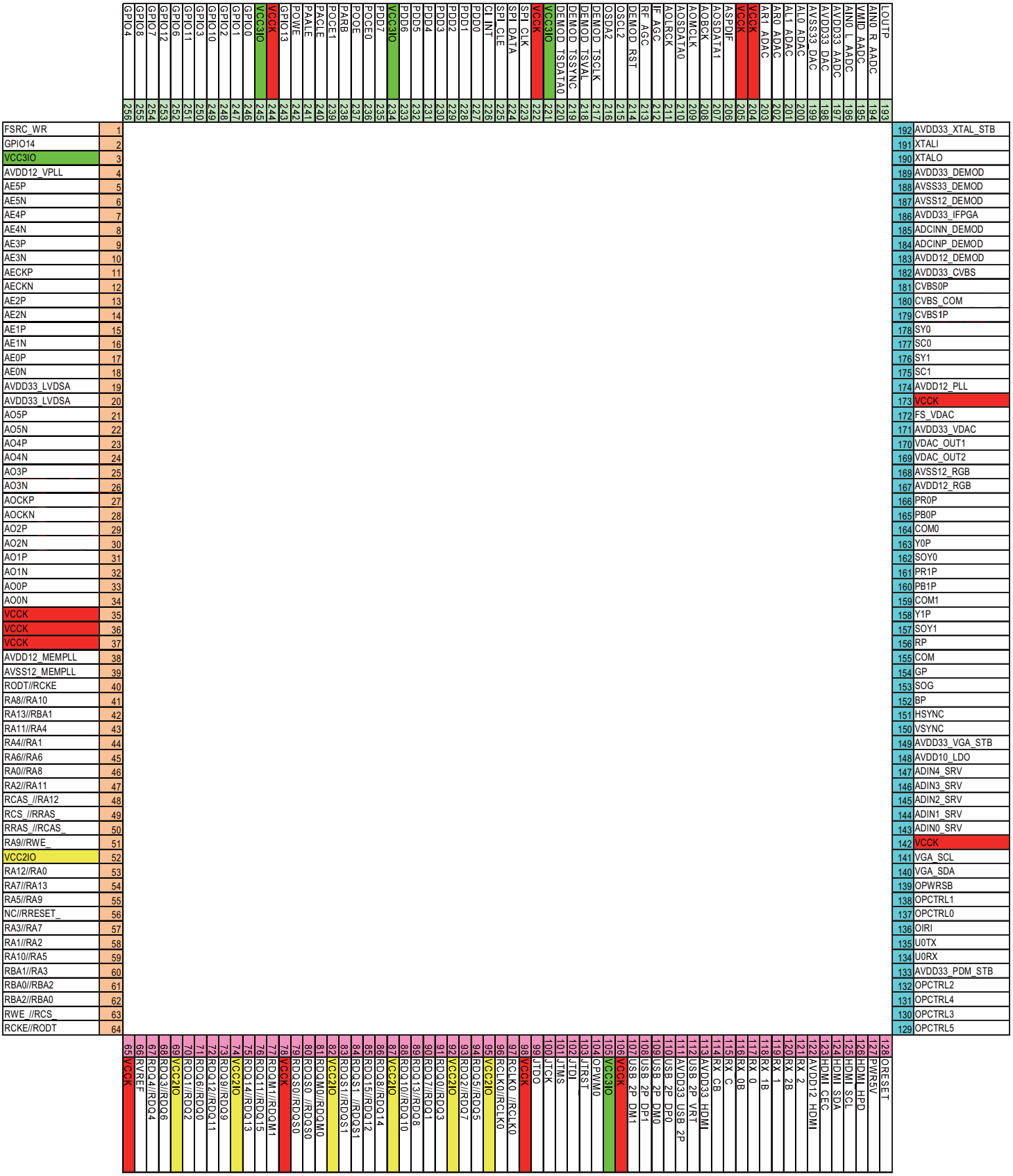
2. Detailed ICs Information

2.1. U401 (MT5366CAOU LQFP-256)

2.1.1 Block Diagram

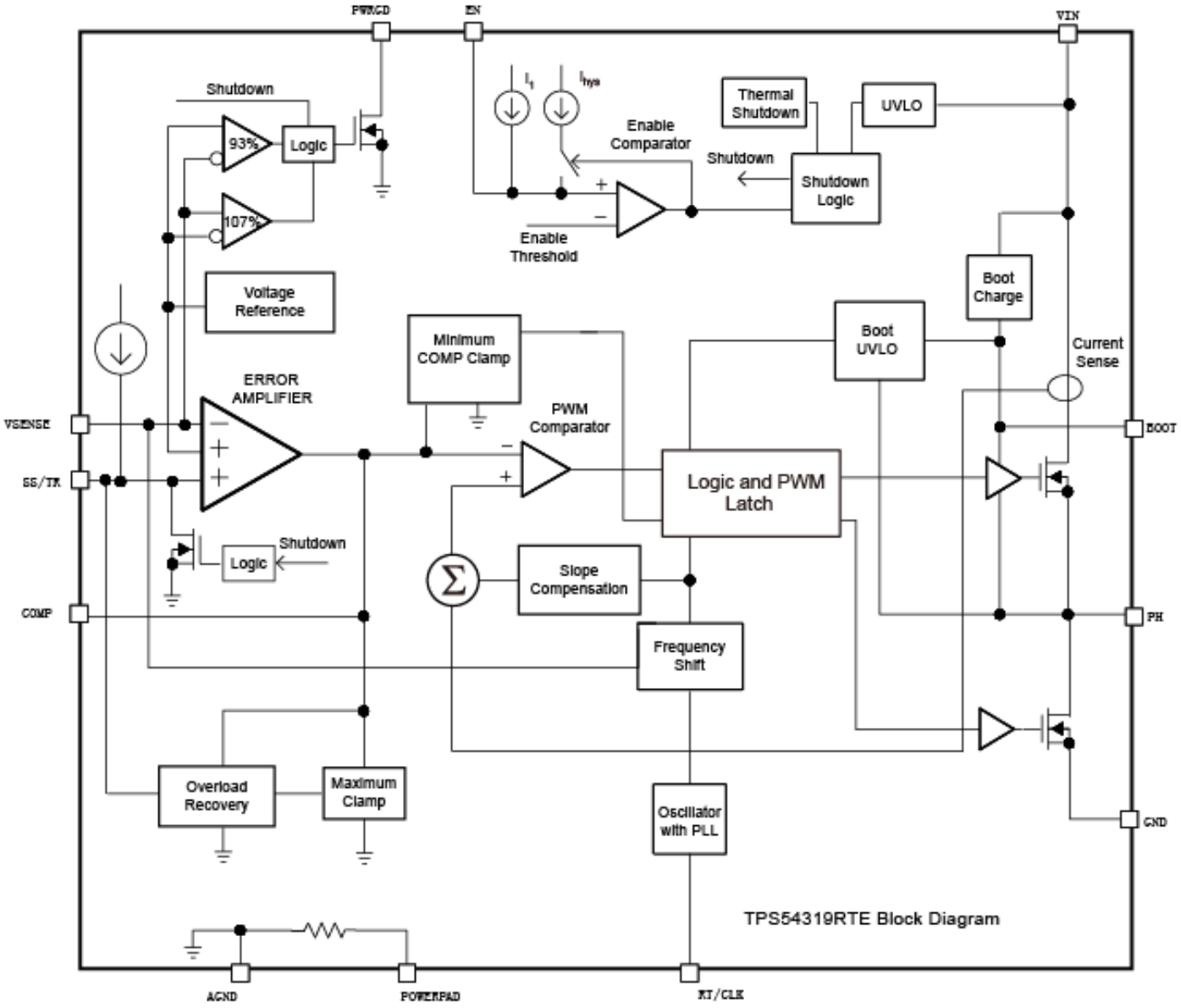


2.1.2 Pin Connections

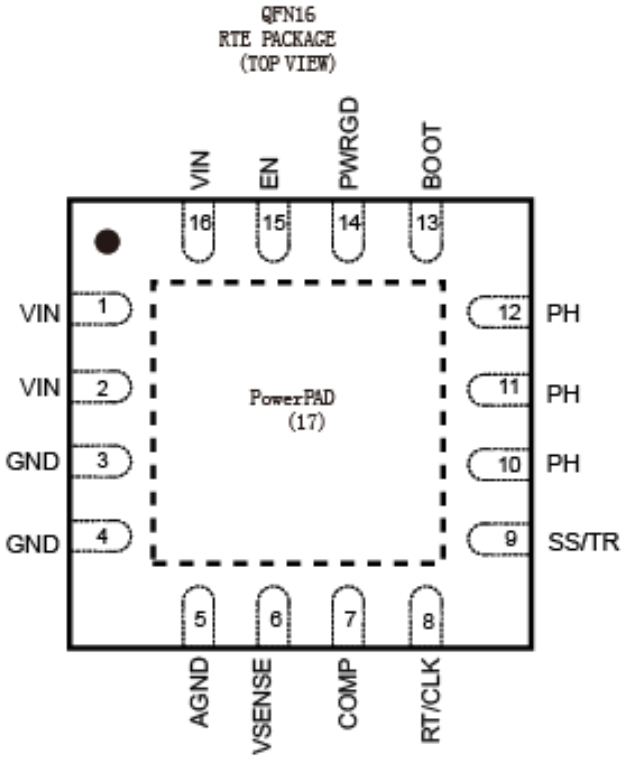


2.2. U701/U702 (TPS54319RTER QFN-16)

2.2.1 Block Diagram



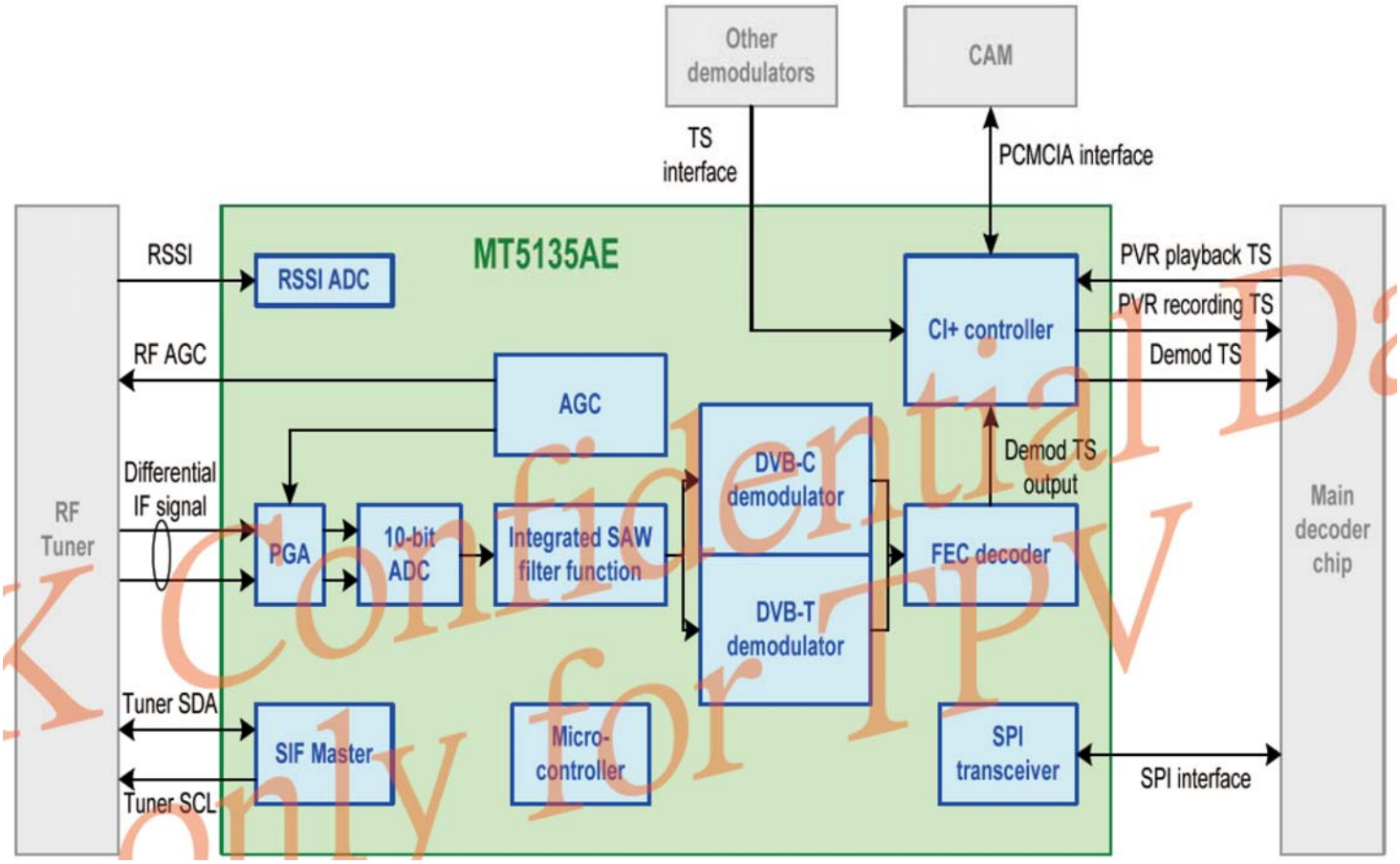
2.2.2 Pin Connections and FUNCTIONS



PIN		DESCRIPTION
NAME	NO.	
AGND	5	Analog Ground should be electrically connected to GND close to the device.
BOOT	13	A bootstrap capacitor is required between BOOT and PH. If the voltage on this capacitor is below the minimum required by the BOOT UVLO, the output is forced to switch off until the capacitor is refreshed.
COMP	7	Error amplifier output, and input to the output switch current comparator. Connect frequency compensation components to this pin.
EN	15	Enable pin, internal pull-up current source. Pull below 1.2 V to disable. Float to enable. Can be used to set the on/off threshold (adjust UVLO) with two additional resistors.
GND	3, 4	Power Ground. This pin should be electrically connected directly to the power pad under the IC.
PH	10, 11, 12	The source of the internal high side power MOSFET, and drain of the internal low side (synchronous) rectifier MOSFET.
PowerPAD	17	GND pin should be connected to the exposed power pad for proper operation. This power pad should be connected to any internal PCB ground plane using multiple vias for good thermal performance.
PWRGD	14	An open drain output; asserts low if output voltage is low due to thermal shutdown, overcurrent, over/under-voltage or EN shut down.
RT/CLK	8	Resistor Timing or External Clock input pin.
SS/TR	9	Slow start and tracking. An external capacitor connected to this pin sets the output voltage rise time. This pin can also be used for tracking.
VIN	1, 2, 16	Input supply voltage, 2.95 V to 6 V.
VSENSE	6	Inverting node of the transconductance (gm) error amplifier.

2.3. U1011 (MT5135AE LQFP-128)

2.3.1 Block Diagram



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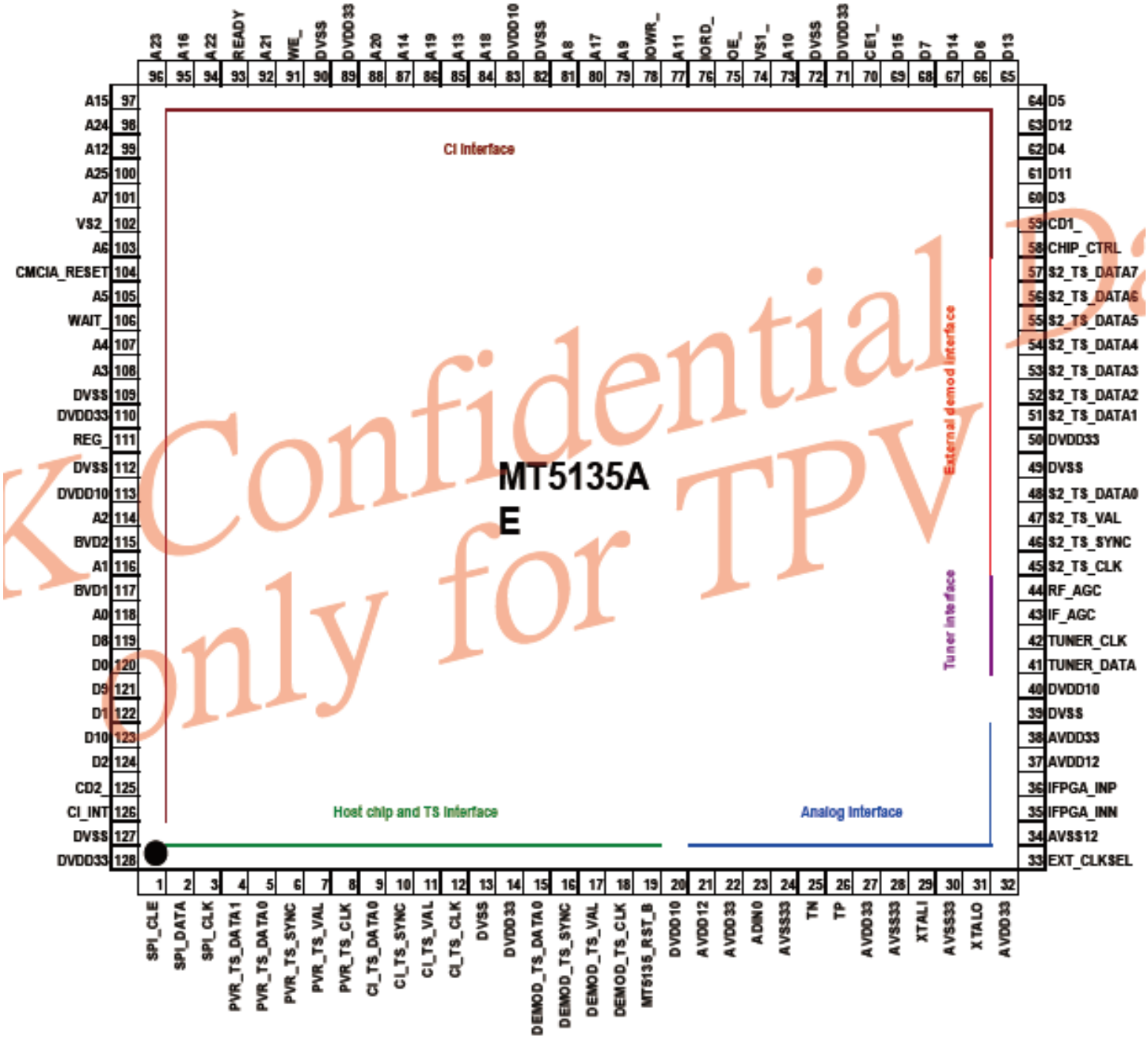
2.3.2 Pin Connections and short description



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PIN DESCRIPTION

Pin number	Pin name	Type	Output current	Description	Note
Decoder chip and transport stream interface					
1	SPI_CLE	I	N/A	SPI command latch enable	
2	SPI_DATA	I/O	4 ~ 16	SPI data	
3	SPI_CLK	I	N/A	SPI clock	
4	PVR_TS_DATA1	I	N/A	PVR transport stream data 1; input from decoder	
5	PVR_TS_DATA0	I	N/A	PVR transport stream data 0; input from decoder	1
6	PVR_TS_SYNC	I	N/A	PVR transport stream sync; input from decoder	1
7	PVR_TS_VAL	I	N/A	PVR transport stream valid; input from decoder	
8	PVR_TS_CLK	I	N/A	PVR transport stream clock 1; input from decoder	
9	CI_TS_DATA0	O	4 ~ 16	CI transport stream data 0; output to decoder	
10	CI_TS_SYNC	O	4 ~ 16	CI transport stream sync; output to decoder	
11	CI_TS_VAL	O	4 ~ 16	CI transport stream valid; output to decoder	
12	CI_TS_CLK	O	4 ~ 16	CI transport stream clock; output to decoder	
13	DVSS	I	N/A	Digital ground	
14	DVDD33	I	N/A	Digital I/O power 3.3V	
15	DEMOD_TS_DATA0	O	4 ~ 16	DEMOD transport stream data 0; output to decoder	
16	DEMOD_TS_SYNC	O	4 ~ 16	DEMOD transport stream sync; output to decoder	
17	DEMOD_TS_VAL	O	4 ~ 16	DEMOD transport stream valid; output to decoder	
18	DEMOD_TS_CLK	O	4 ~ 16	DEMOD transport stream clock; output to decoder	
19	MT5135_RST_B	I	N/A	MT5135 chip reset	
20	DVDD10	I	N/A	Digital core power 1.0V	
Analog interface					
21	AVDD12	I	N/A	Analog power 1.2V	
22	AVDD33	I	N/A	Analog power 3.3V	
23	ADIN0	I	N/A	RSSI ADC input	
24	AVSS33	I	N/A	Analog ground	
25	TN	NC	N/A	Reserved	
26	TP	NC	N/A	Reserved	
27	AVDD33	I	N/A	Analog power 3.3V	
28	AVSS33	I	N/A	Analog ground	
29	XTALI	I	N/A	Crystal input	
30	AVSS33	I	N/A	Analog ground	
31	XTALO	O	N/A	Crystal output	
32	AVDD33	I	N/A	Analog power 3.3V	

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Pin number	Pin name	Type	Output current	Description	Note
33	EXT_CLKSEL	I	N/A	Input clock select 0: Single-end input 1: Differential input or crystal	
34	AVSS12	I	N/A	Analog ground	
35	IFPGA_INN	I	N/A	Differential IF signal input (-)	
36	IFPGA_INP	I	N/A	Differential IF signal input (+)	
37	AVDD12	I	N/A	Analog power 1.2V	
38	AVDD33	I	N/A	Analog power 3.3V	
Tuner interface					
39	DVSS	I	N/A	Digital ground	
40	DVDD10	I	N/A	Digital core power 1.0V	
41	TUNER_DATA	I/O	2 ~ 8	Tuner SIF data	1
42	TUNER_CLK	O	2 ~ 8	Tuner SIF clock	1
43	IF_AGC	O	2 ~ 8	IF AGC control voltage output	1
44	RF_AGC	O	2 ~ 8	RF AGC control voltage output	1
Transport stream interface from other demodulators					
45	S2_TS_CLK	I	N/A	Parallel transport stream clock; input from other	1
46	S2_TS_SYNC	I	N/A	Parallel transport stream sync; input from other	1
47	S2_TS_VAL	I	N/A	Parallel transport stream valid; input from other	1
48	S2_TS_DATA0	I	N/A	Parallel transport stream data 0; input from other	1
49	DVSS	I	N/A	Digital ground	
50	DVDD33	I	N/A	Digital I/O power 3.3V	
51	S2_TS_DATA1	I	N/A	Parallel transport stream data 1; input from other	
52	S2_TS_DATA2	I	N/A	Parallel transport stream data 2; input from other	
53	S2_TS_DATA3	I	N/A	Parallel transport stream data 3; input from other	
54	S2_TS_DATA4	I	N/A	Parallel transport stream data 4; input from other	
55	S2_TS_DATA5	I	N/A	Parallel transport stream data 5; input from other	
56	S2_TS_DATA6	I	N/A	Parallel transport stream data 6; input from other	
57	S2_TS_DATA7	I	N/A	Parallel transport stream data 7; input from other	
CI interface					
58	CHIP_CTRL	I	N/A	MT5135 chip control; should be connected to DVSS externally	1
59	CD1_	I	N/A	PCMCIA card detection 1	
60	D3	I/O	2 ~ 8	PCMCIA data bit 3	1
61	D11	I/O	2 ~ 8	PCMCIA data bit 11	1
62	D4	I/O	2 ~ 8	PCMCIA data bit 4	1
63	D12	I/O	2 ~ 8	PCMCIA data bit 12	1
64	D5	I/O	2 ~ 8	PCMCIA data bit 5	1

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Pin number	Pin name	Type	Output current	Description	Note
65	D13	I/O	2 ~ 8	PCMCIA data bit 13	1
66	D6	I/O	2 ~ 8	PCMCIA data bit 6	1
67	D14	I/O	2 ~ 8	PCMCIA data bit 14	1
68	D7	I/O	2 ~ 8	PCMCIA data bit 7	1
69	D15	I/O	2 ~ 8	PCMCIA data bit 15	1
70	CE1_	O	2 ~ 8	PCMCIA card enable 1	
71	DVDD33	I	N/A	Digital I/O power 3.3V	
72	DVSS	I	N/A	Digital ground	
73	A10	O	2 ~ 8	PCMCIA address bit 10	
74	VS1_	I	N/A	PCMCIA voltage sense 1	1
75	OE_	O	2 ~ 8	PCMCIA output enable	
76	IORD_	O	2 ~ 8	PCMCIA IO read strobe	
77	A11	O	2 ~ 8	PCMCIA address bit 11	
78	IOWR_	O	2 ~ 8	PCMCIA IO write strobe	
79	A9	O	2 ~ 8	PCMCIA address bit 9	
80	A17	O	2 ~ 8	PCMCIA address bit 17	
81	A8	O	2 ~ 8	PCMCIA address bit 8	
82	DVSS	I	N/A	Digital ground	
83	DVDD10	I	N/A	Digital core power 1.0V	
84	A18	O	2 ~ 8	PCMCIA address bit 18	
85	A13	O	2 ~ 8	PCMCIA address bit 13	
86	A19	O	2 ~ 8	PCMCIA address bit 19	
87	A14	O	2 ~ 8	PCMCIA address bit 14	
88	A20	O	2 ~ 8	PCMCIA address bit 20	
89	DVDD33	I	N/A	Digital I/O power 3.3V	
90	DVSS	I	N/A	Digital ground	
91	WE_	O	2 ~ 8	PCMCIA write enable	
92	A21	O	2 ~ 8	PCMCIA address bit 21	
93	READY	I	N/A	PCMCIA ready	1
94	A22	O	2 ~ 8	PCMCIA address bit 22	
95	A16	O	2 ~ 8	PCMCIA address bit 16	
96	A23	O	2 ~ 8	PCMCIA address bit 23	

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Pin number	Pin name	Type	Output current	Description	Note
97	A15	O	2 ~ 8	PCMCIA address bit 15	
98	A24	O	2 ~ 8	PCMCIA address bit 24	
99	A12	O	2 ~ 8	PCMCIA address bit 12	
100	A25	O	2 ~ 8	PCMCIA address bit 25	
101	A7	O	2 ~ 8	PCMCIA address bit 7	
102	VS2_	I	N/A	PCMCIA voltage sense 2	1
103	A6	O	2 ~ 8	PCMCIA address bit 6	
104	PCMCIA_RESET	O	2 ~ 8	PCMCIA reset	
105	A5	O	2 ~ 8	PCMCIA address bit 5	
106	WAIT_	I	N/A	PCMCIA wait	1
107	A4	O	2 ~ 8	PCMCIA address bit 4	
108	A3	O	2 ~ 8	PCMCIA address bit 3	
109	DVSS	I	N/A	Digital ground	
110	DVDD33	I	N/A	Digital I/O power 3.3V	
111	REG_	O	2 ~ 8	PCMCIA register selection	
112	DVSS	I	N/A	Digital ground	
113	DVDD10	I	N/A	Digital core power 1.0V	
114	A2	O	2 ~ 8	PCMCIA address bit 2	
115	BVD2	I	N/A	PCMCIA battery voltage detection 2	1
116	A1	O	2 ~ 8	PCMCIA address bit 1	
117	BVD1	I	N/A	PCMCIA battery voltage detection 1	1
118	A0	O	2 ~ 8	PCMCIA address bit 0	
119	D8	I/O	2 ~ 8	PCMCIA data bit 8	1
120	D0	I/O	2 ~ 8	PCMCIA data bit 0	1
121	D9	I/O	2 ~ 8	PCMCIA data bit 9	1
122	D1	I/O	2 ~ 8	PCMCIA data bit 1	1
123	D10	I/O	2 ~ 8	PCMCIA data bit 10	1
124	D2	I/O	2 ~ 8	PCMCIA data bit 2	1
125	CD2_	I	N/A	PCMCIA card detection 2	
126	CI_INT	O	2 ~ 8	Interrupt	
127	DVSS	I	N/A	Digital ground	
128	DVDD33	I	N/A	Digital I/O power 3.3V	

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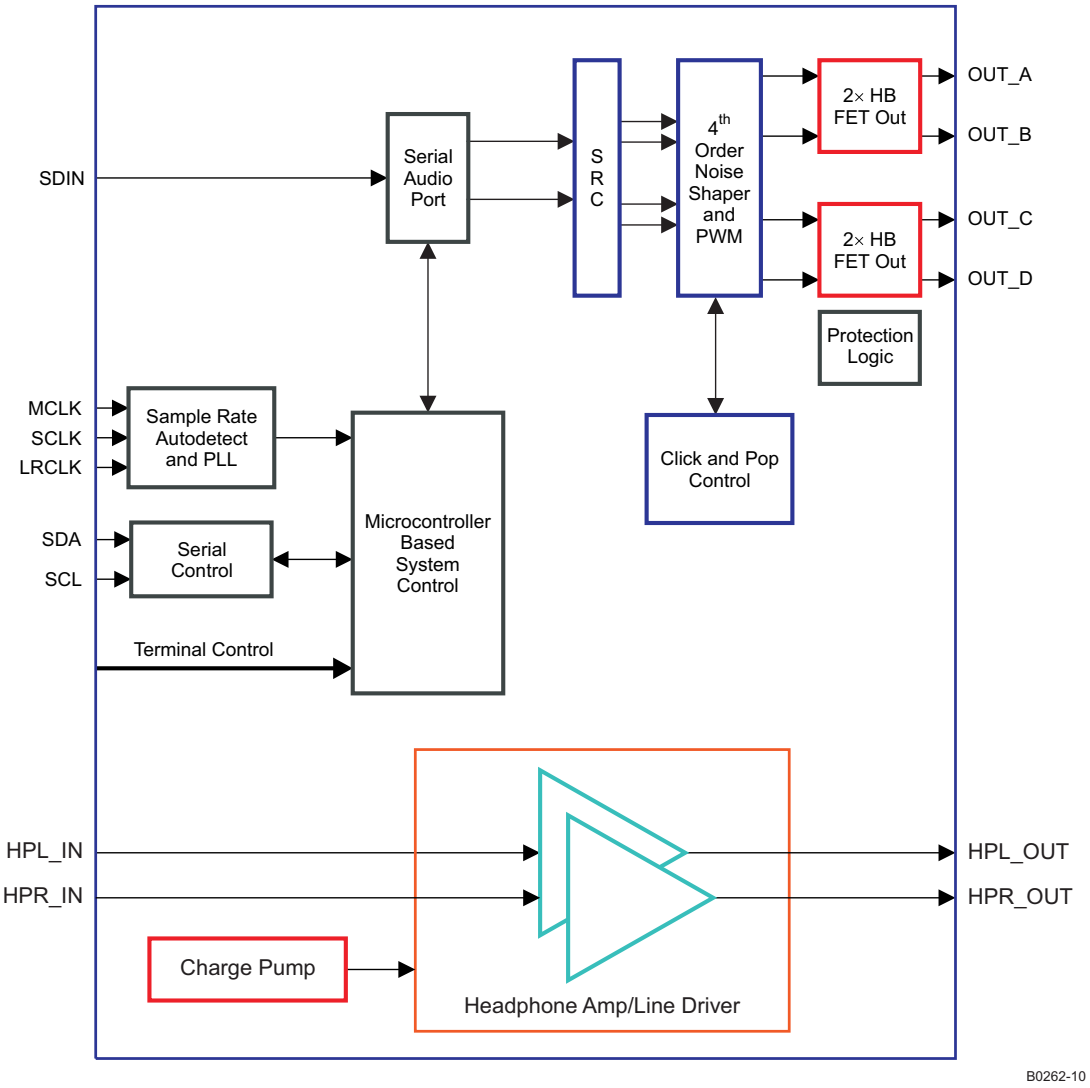
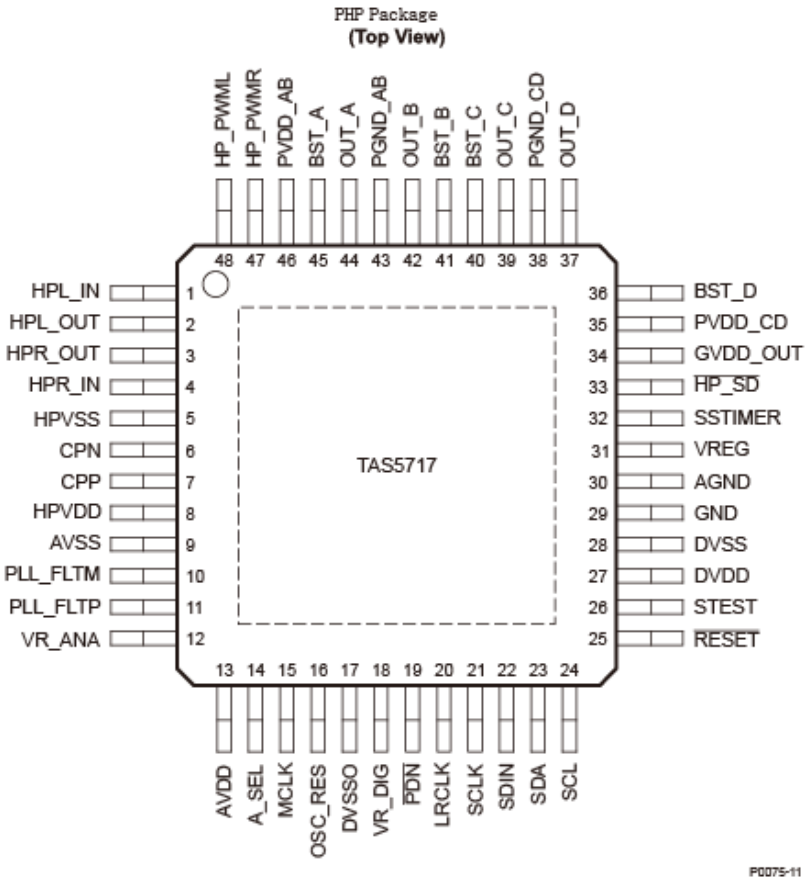
2.4. U602 (TAS5717L 10W HTQFP-48)

2.4.1 Block Diagram



2.4.2 Pin Connections and short description



Pin FUNCTION

PIN NAME	PIN NO.	TYPE(1)	5-V TOLERANT	TERMINATION(2)	DESCRIPTION
AGND	30	P			Analog ground for power stage
$\overline{\text{A\_SEL}}$	14	DIO			This pin is monitored on the rising edge of $\overline{\text{RESET}}$. A value of 0 makes the I^2C dev address 0x54, and a value of 1 makes it 0x56.
AVDD	13	P			3.3-V analog power supply
AVSS	9	P			Analog 3.3-V supply ground
BST_A	45	P			High-side bootstrap supply for half-bridge A
BST_B	41	P			High-side bootstrap supply for half-bridge B
BST_C	40	P			High-side bootstrap supply for half-bridge C
BST_D	36	P			High-side bootstrap supply for half-bridge D
CPN	6	IO			Charge-pump flying-capacitor negative connection
CPP	7	IO			Charge-pump flying-capacitor positive connection
DVDD	27	P			3.3-V digital power supply
DVSS	28	P			Digital ground
DVSSO	17	P			Oscillator ground
GND	29	P			Analog ground for power stage
GVDD_OUT	34	P			Gate drive internal regulator output
HPL_IN	1	AI			Headphone left IN (single-ended, analog IN)
HPL_OUT	2	AO			Headphone left OUT (single-ended, analog OUT)
HP_PWML	48	DO			PWM left-channel headphone out
HP_PWMR	47	DO			PWM right-channel headphone out
HPR_IN	4	AI			Headphone right IN (single-ended, analog IN)
HPR_OUT	3	AO			Headphone right OUT (single-ended, analog OUT)
$\overline{\text{HP\_SD}}$	33	AI			Headphone shutdown (active-low)
HPVDD	8	P			Headphone supply
HPVSS	5	P			Headphone ground
LRCLK	20	DI	5-V	Pulldown	Input serial audio data left/right clock (sample rate clock)
MCLK	15	DI	5-V	Pulldown	Master clock input
OSC_RES	16	AO			Oscillator trim resistor. Connect an 18-kΩ 1% resistor to DVSSO.
OUT_A	44	O			Output, half-bridge A
OUT_B	42	O			Output, half-bridge B
OUT_C	39	O			Output, half-bridge C
OUT_D	37	O			Output, half-bridge D
$\overline{\text{PDN}}$	19	DI	5-V	Pullup	Power down, active-low. $\overline{\text{PDN}}$ prepares the device for loss of power supplies by shutting down the noise shaper and initiating the PWM stop sequence.
PGND_AB	43	P			Power ground for half-bridges A and B
PGND_CD	38	P			Power ground for half-bridges C and D
PLL_FLTM	10	AO			PLL negative loop-filter terminal
PLL_FLTP	11	AO			PLL positive loop-filter terminal
PVDD_AB	46	P			Power-supply input for half-bridge output A
PVDD_CD	35	P			Power-supply input for half-bridge output C
$\overline{\text{RESET}}$	25	DI	5-V	Pullup	Reset, active-low. A system reset is generated by applying a logic low to this pin. $\overline{\text{RESET}}$ is an asynchronous control signal that restores the device to its default conditions, and places the PWM in the hard-mute (high-impedance) state.
SCL	24	DI	5-V		I^2C serial control clock input
SCLK	21	DI	5-V	Pulldown	Serial audio data clock (shift clock). SCLK is the serial audio port input data bit clock.
SDA	23	DIO	5-V		I^2C serial control data interface input/output
SDIN	22	DI	5-V	Pulldown	Serial audio data input. SDIN supports three discrete (stereo) data formats.
SSTIMER	32	AI			Controls ramp time of OUT_X to minimize pop. Leave this pin floating for BD mode. Requires capacitor of 2.2 nF to GND in AD mode. The capacitor determines the ramp time.
STEST	26	DI			Factory test pin. Connect directly to DVSS.

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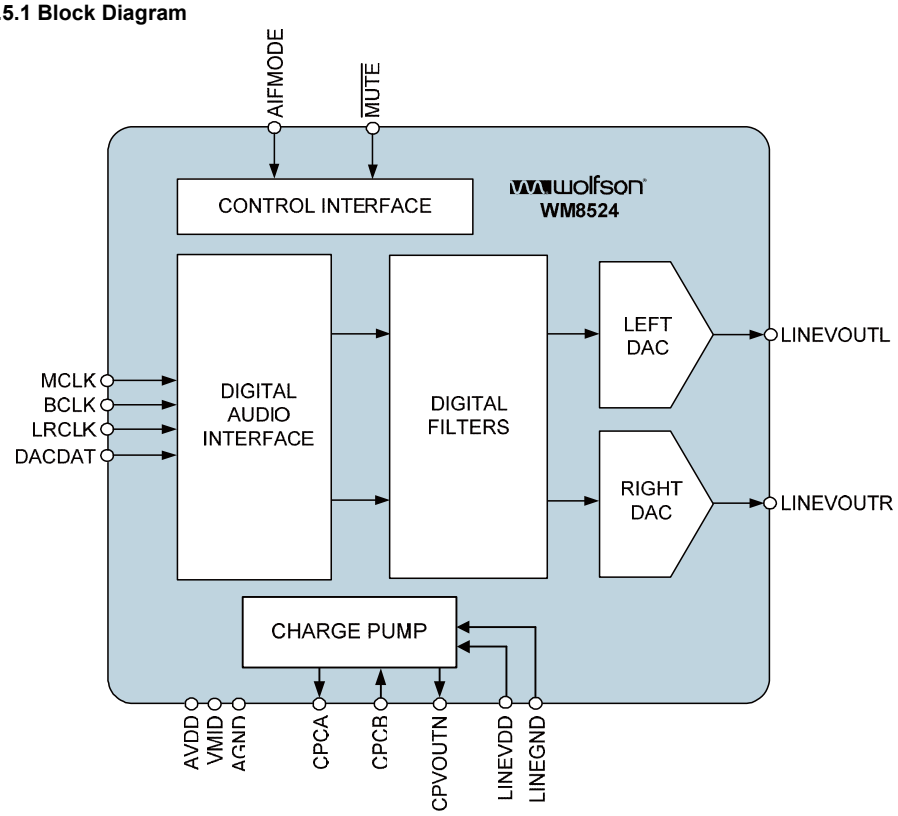
VR_ANA	12	P			Internally regulated 1.8-V analog supply voltage. This pin must not be used to power external devices.
VR_DIG	18	P			Internally regulated 1.8-V digital supply voltage. This pin must not be used to power external devices.
VREG	31	P			Digital regulator output. Not to be used for powering external circuitry.

(1) TYPE: A = analog; D = 3.3-V digital; P = power/ground/decoupling; I = input; O = output

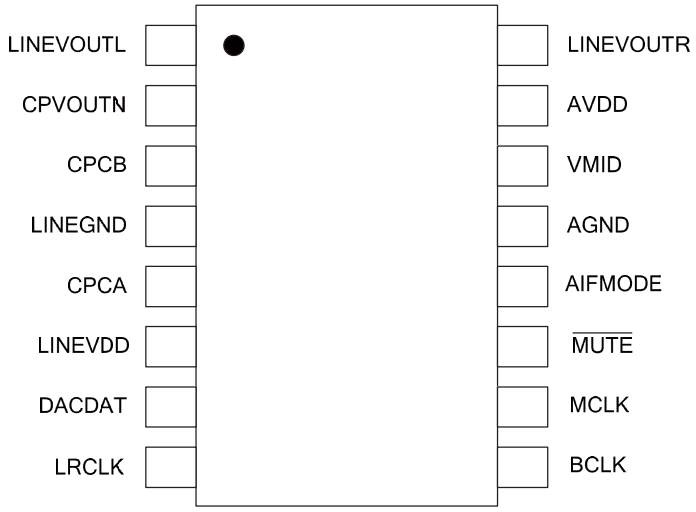
(2) All pullups are weak pullups and all pulldowns are weak pulldowns. The pullups and pulldowns are included to assure proper input logic levels if the pins are left unconnected (pullups → logic 1 input; pulldowns → logic 0 input).

2.5. U601 (WM8524GEDT/R TSSOP-16 WOLFSON)

2.5.1 Block Diagram



2.5.2 Pin Connections and short description



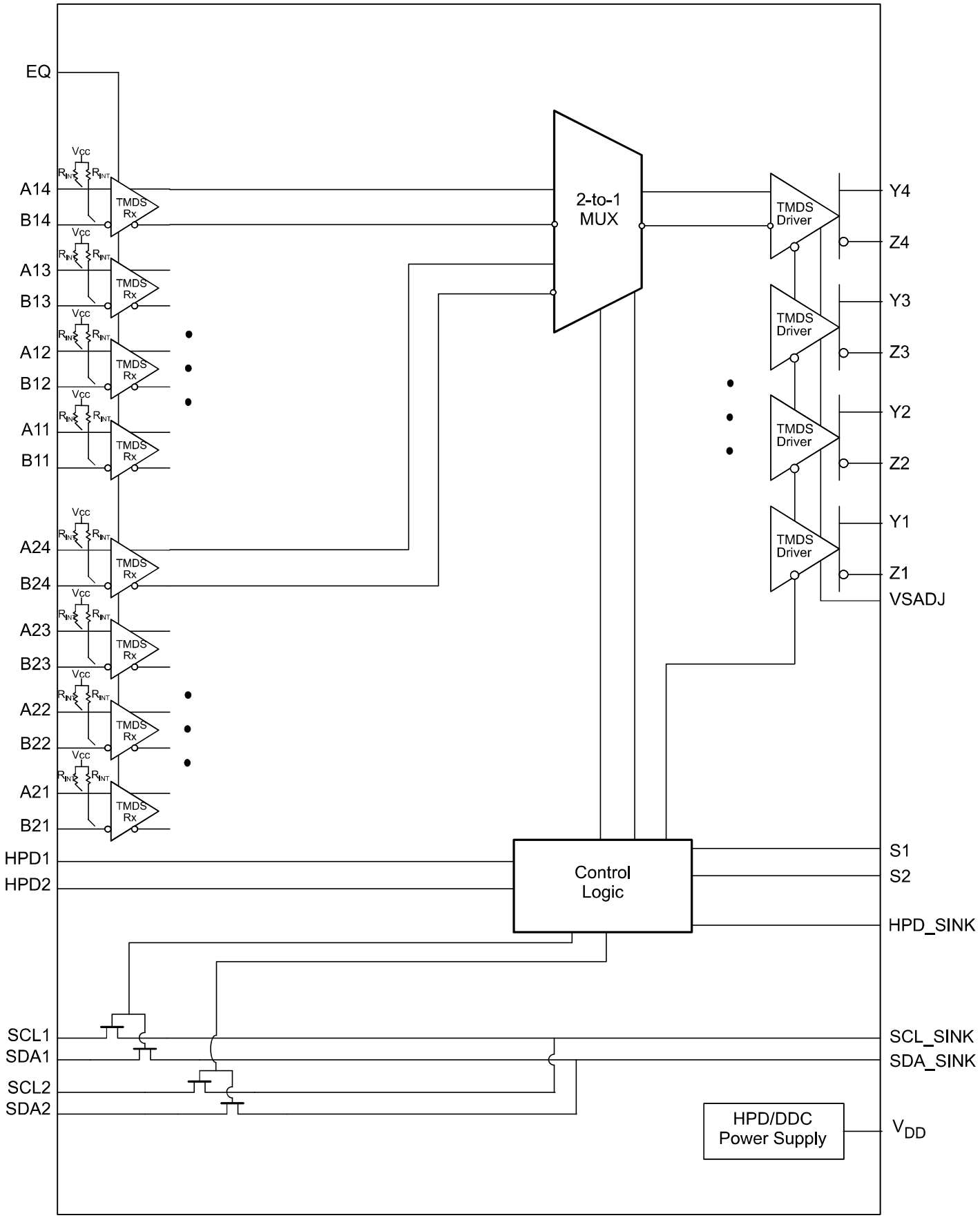
Pin Description

PIN NO	NAME	TYPE	DESCRIPTION
1	LINEVOUTL	Analogue Out	Left line output
2	CPVOUTN	Analogue Out	Charge Pump negative rail decoupling pin
3	CPCB	Analogue Out	Charge Pump fly back capacitor pin
4	LINEGND	Supply	Charge Pump ground
5	CPCA	Analogue Out	Charge Pump fly back capacitor pin
6	LINEVDD	Supply	Charge Pump supply
7	DACDAT	Digital In	Digital audio interface data input
8	LRCLK	Digital In	Digital audio interface left/right clock
9	BCLK	Digital In	Digital audio interface bit clock
10	MCLK	Digital In	Master clock
11	$\overline{\text{MUTE}}$	Digital In	0 = Mute enabled 1 = Mute disabled
12	AIFMODE	Digital In Tri-level	0 = 24-bit Left Justified 1 = 24-bit I^2S Z = 24-bit Right Justified
13	AGND	Supply	Analogue ground
14	VMID	Analogue Out	Analogue midrail decoupling pin
15	AVDD	Supply	Analogue supply
16	LINEVOUTR	Analogue Out	Right line output

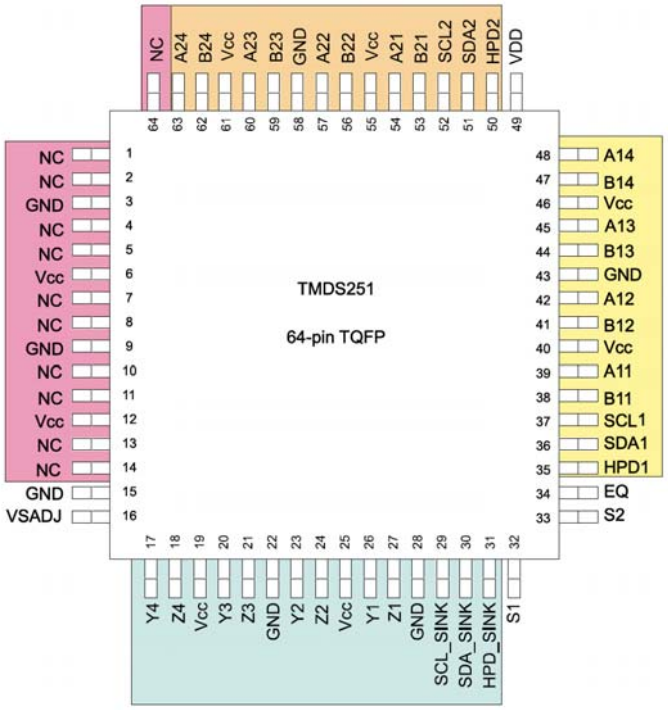
Note: Tri-level pins which require the 'Z' state to be selected should be left floating (open)

2.6. U501 (TMDS251PAGR TQFP64)

2.6.1 Block Diagram

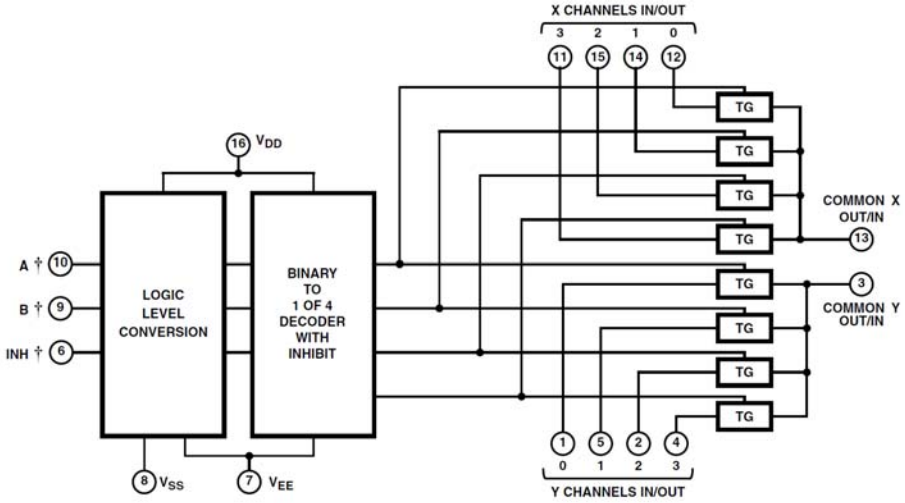


2.6.2 Pin Connections

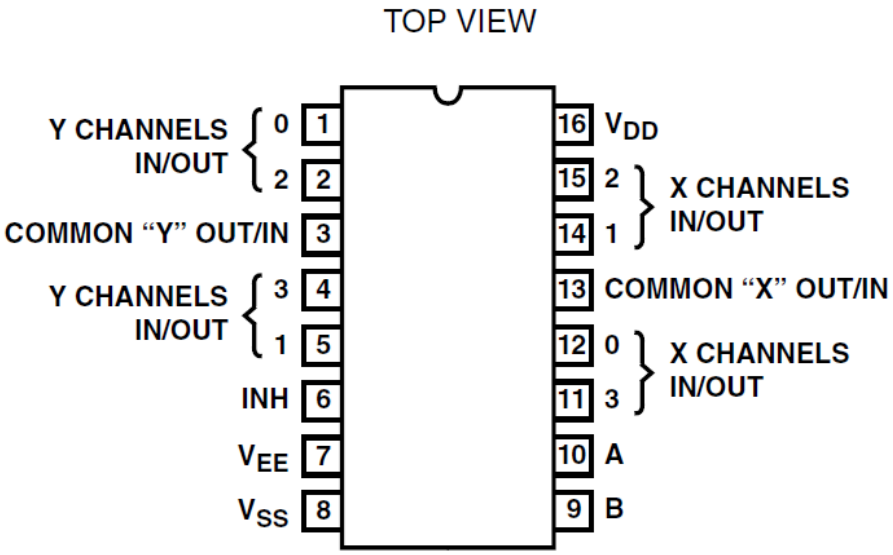


2.7. U605 (CD4052BPWR TSSOP-16)

2.7.1 Block Diagram

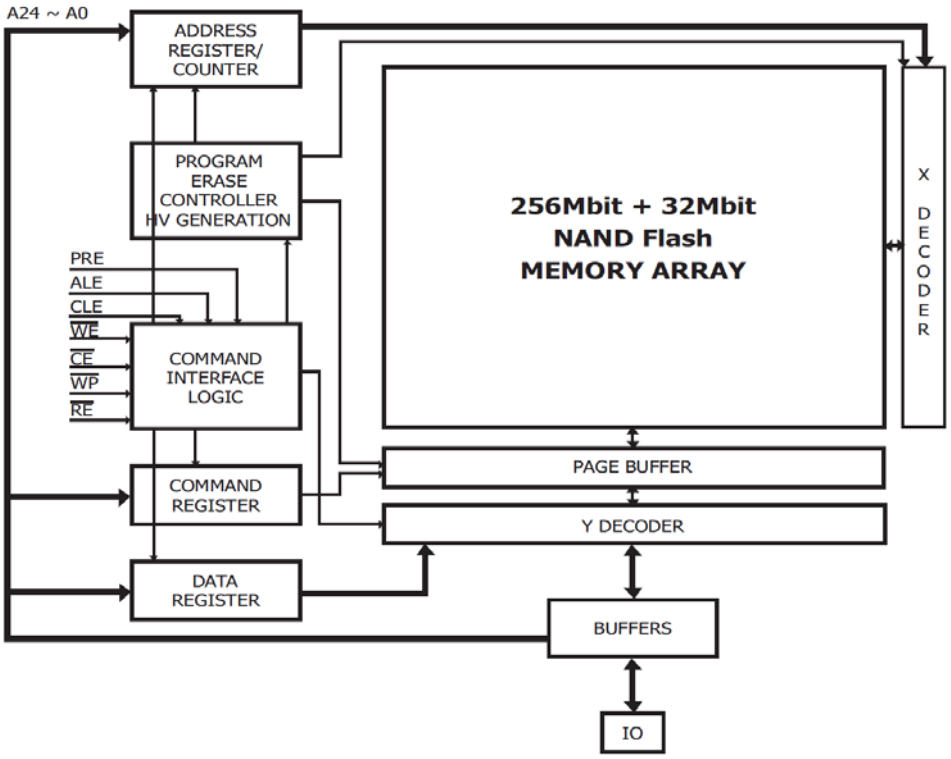


2.7.2 Pin Connections and short description

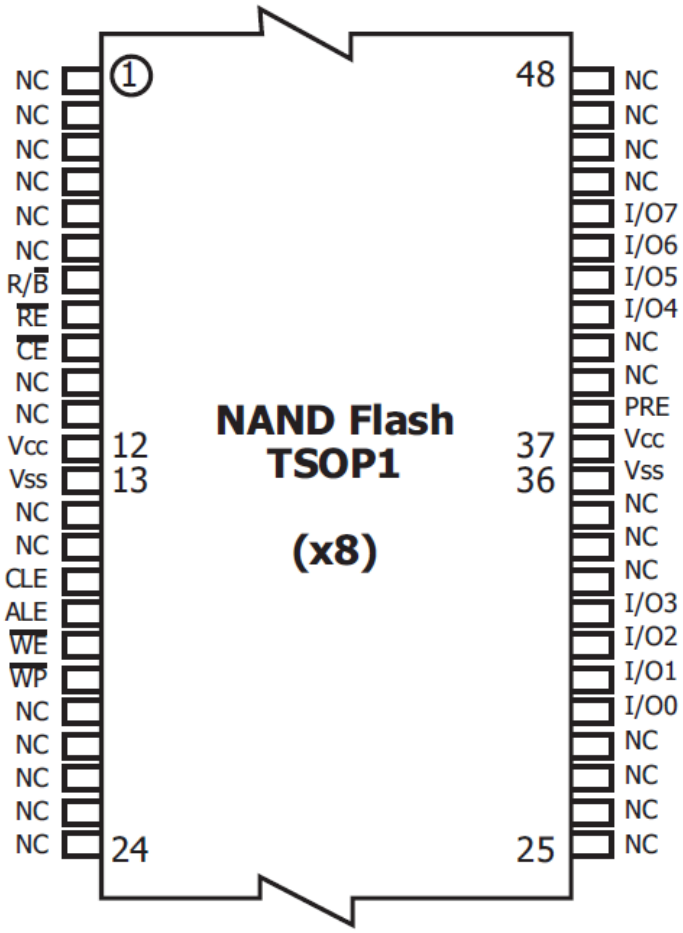


2.8. U4051 (HY27US08561A-TPCB 256Mb TSOP1-48)

2.8.1 Block Diagram

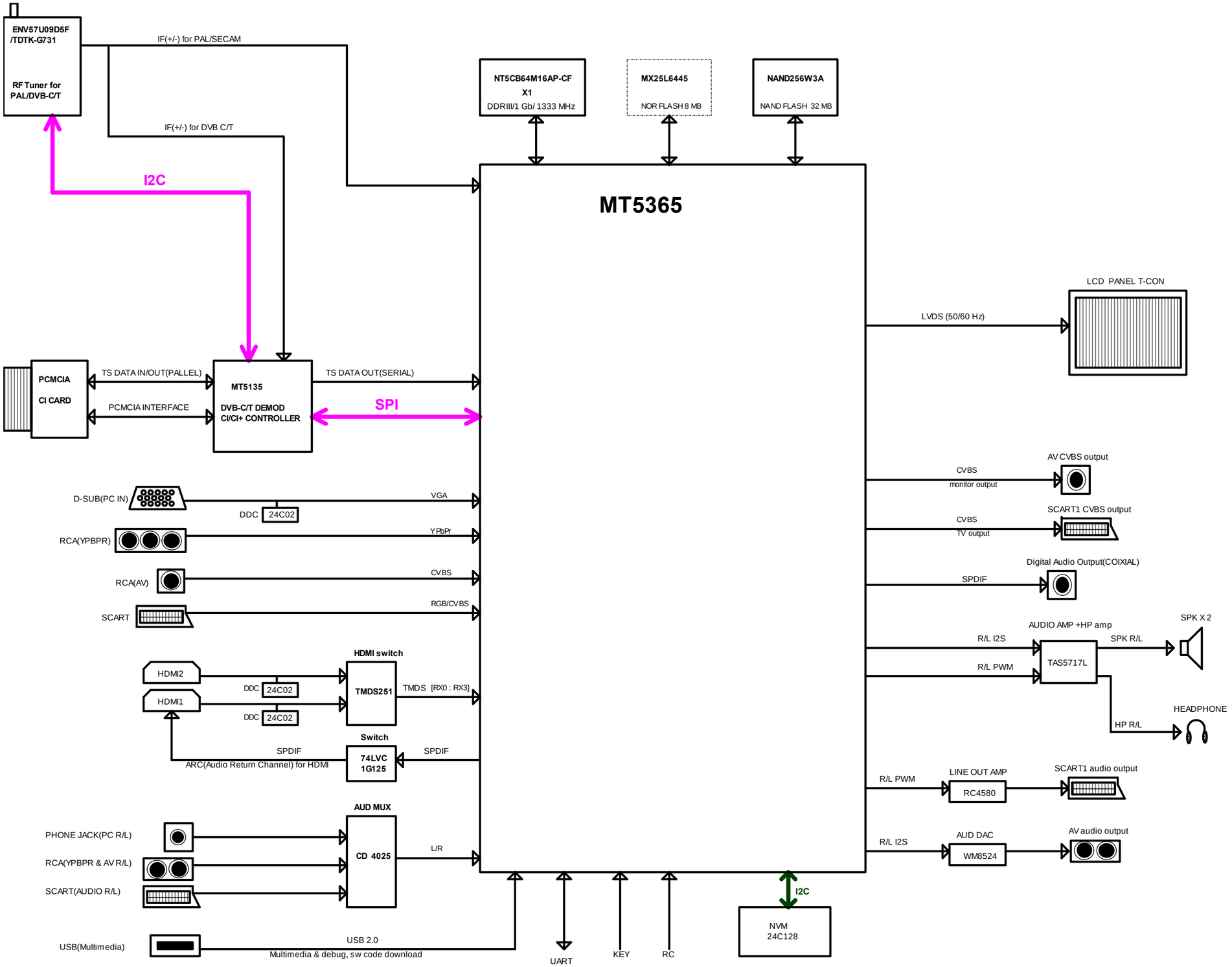


2.8.2 Pin Connections and short description

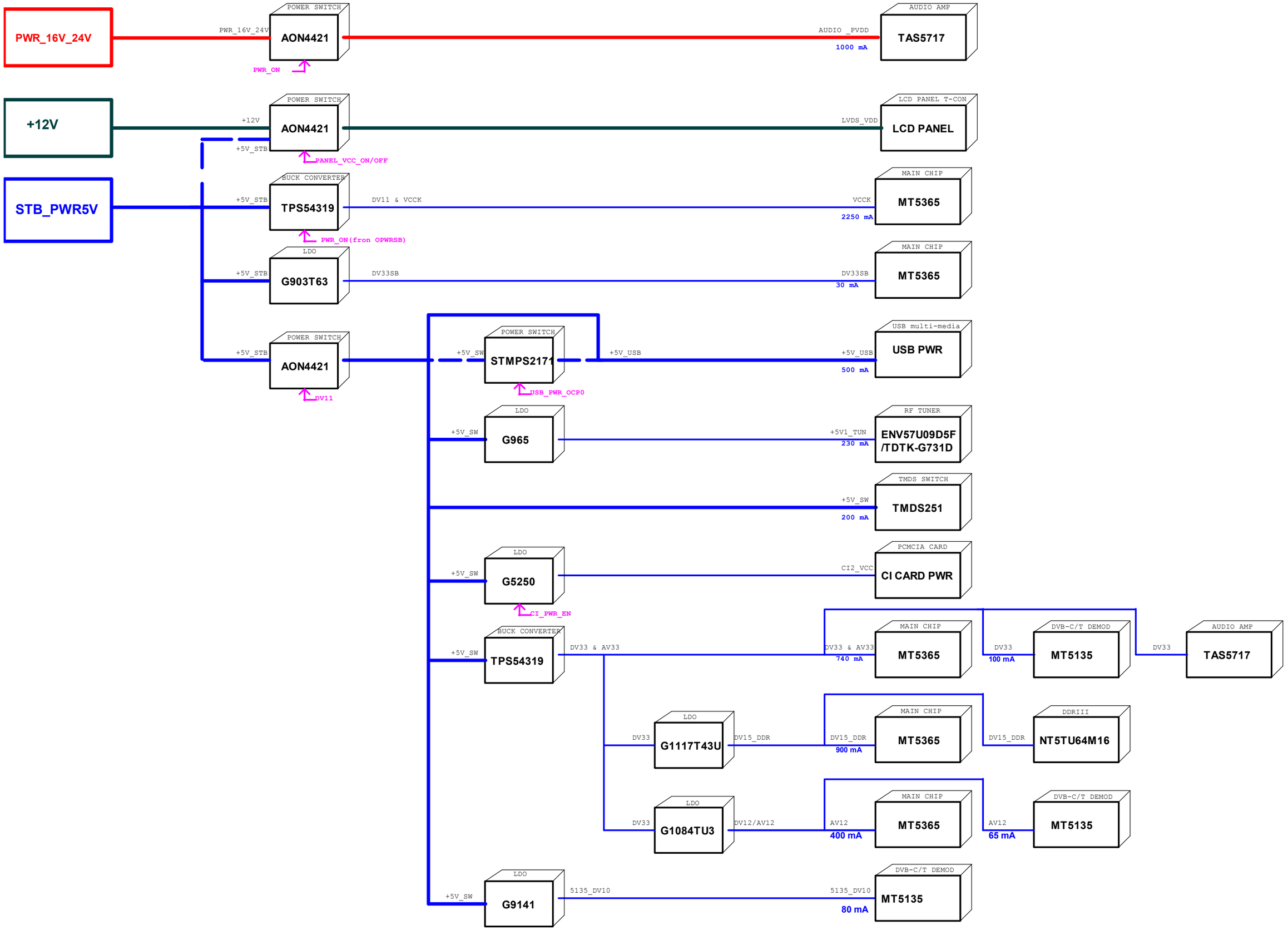


CHAPTER 6. BLOCK DIAGRAM/WIRING DIAGRAM

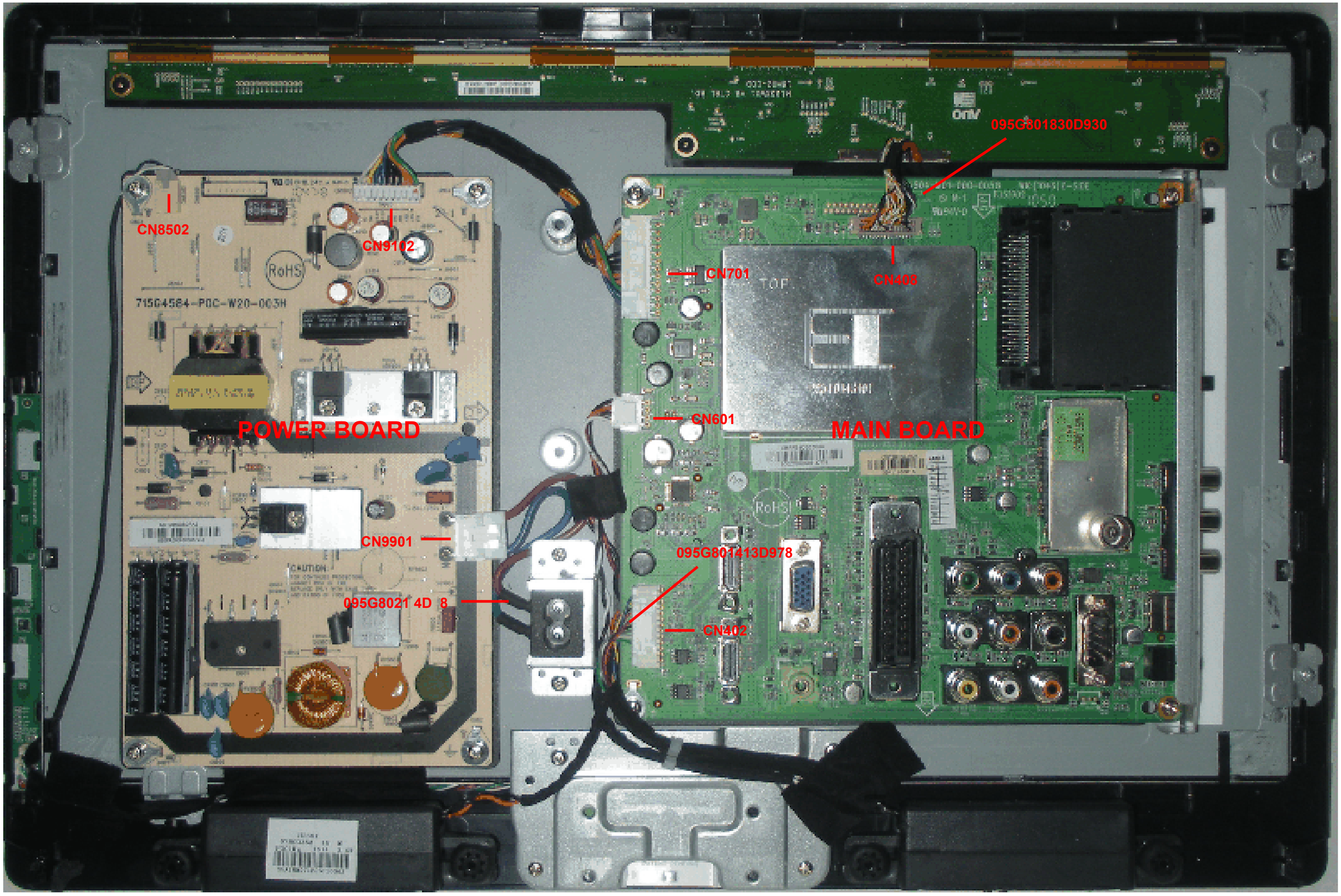
[1] BLOCK DIAGRAM



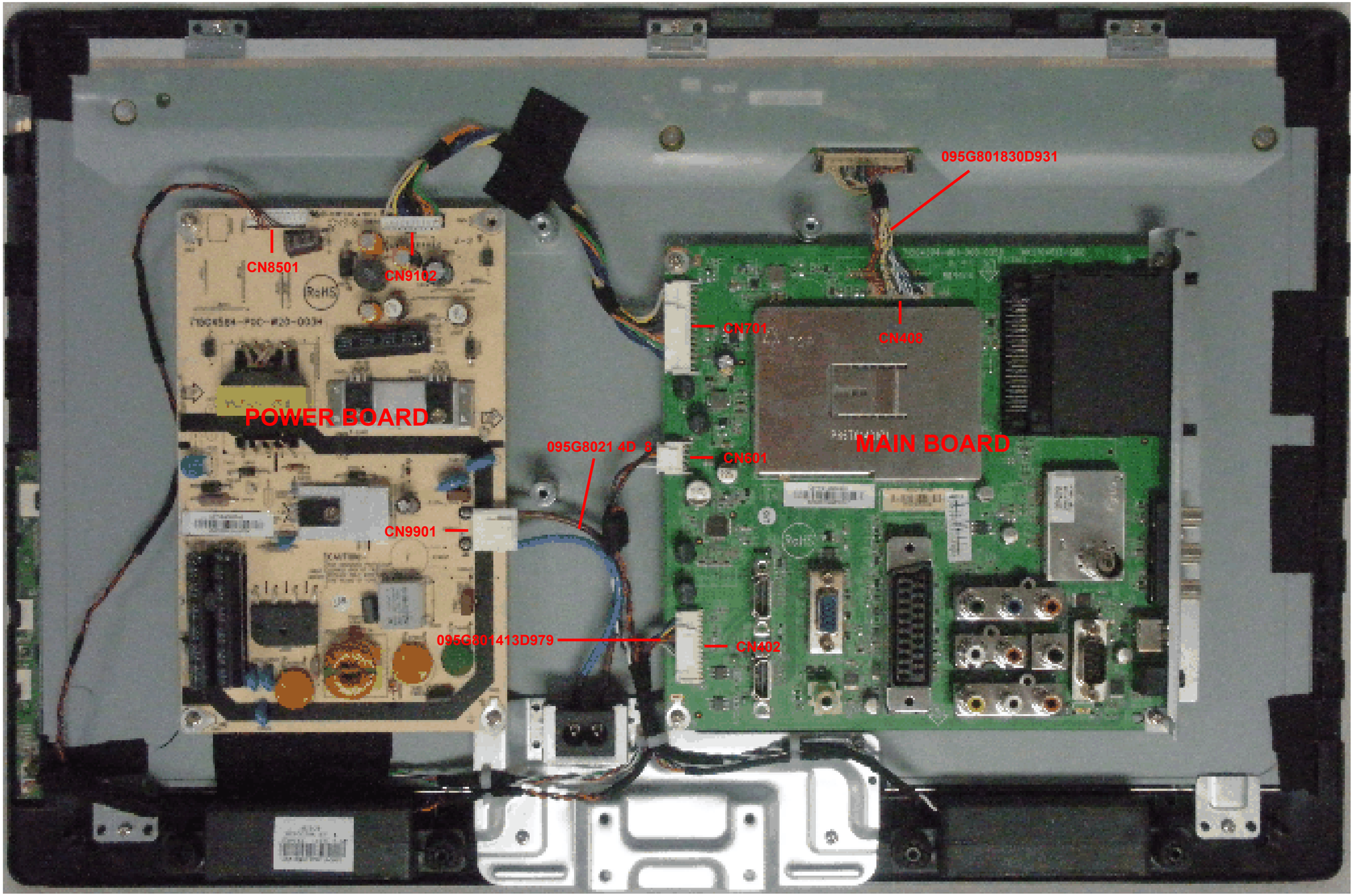
[2] POWER MANAGEMENT BLOCK DIAGRAM



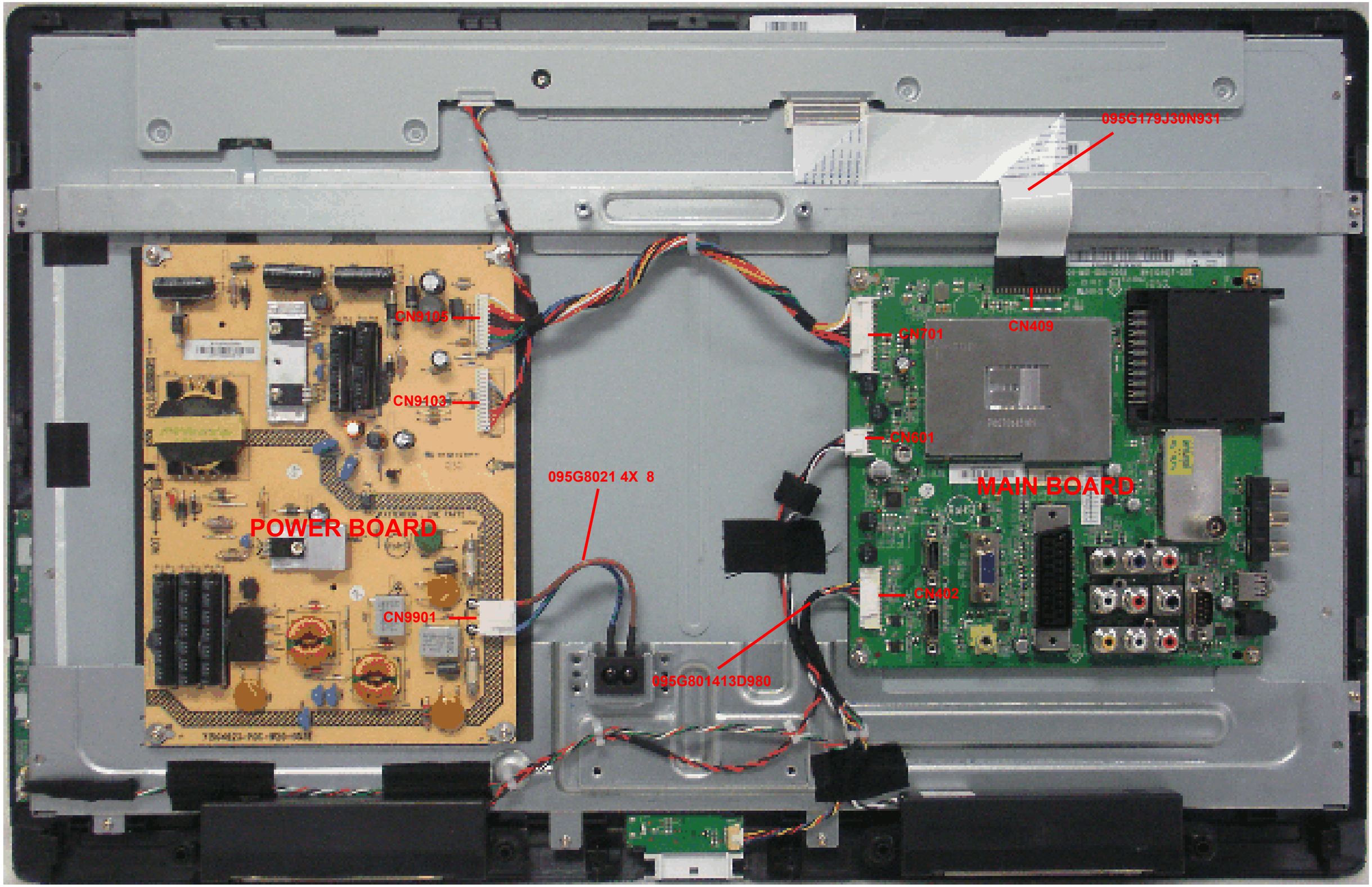
[3] 19" WIRING DIAGRAM(LC-19LE430E/UK)



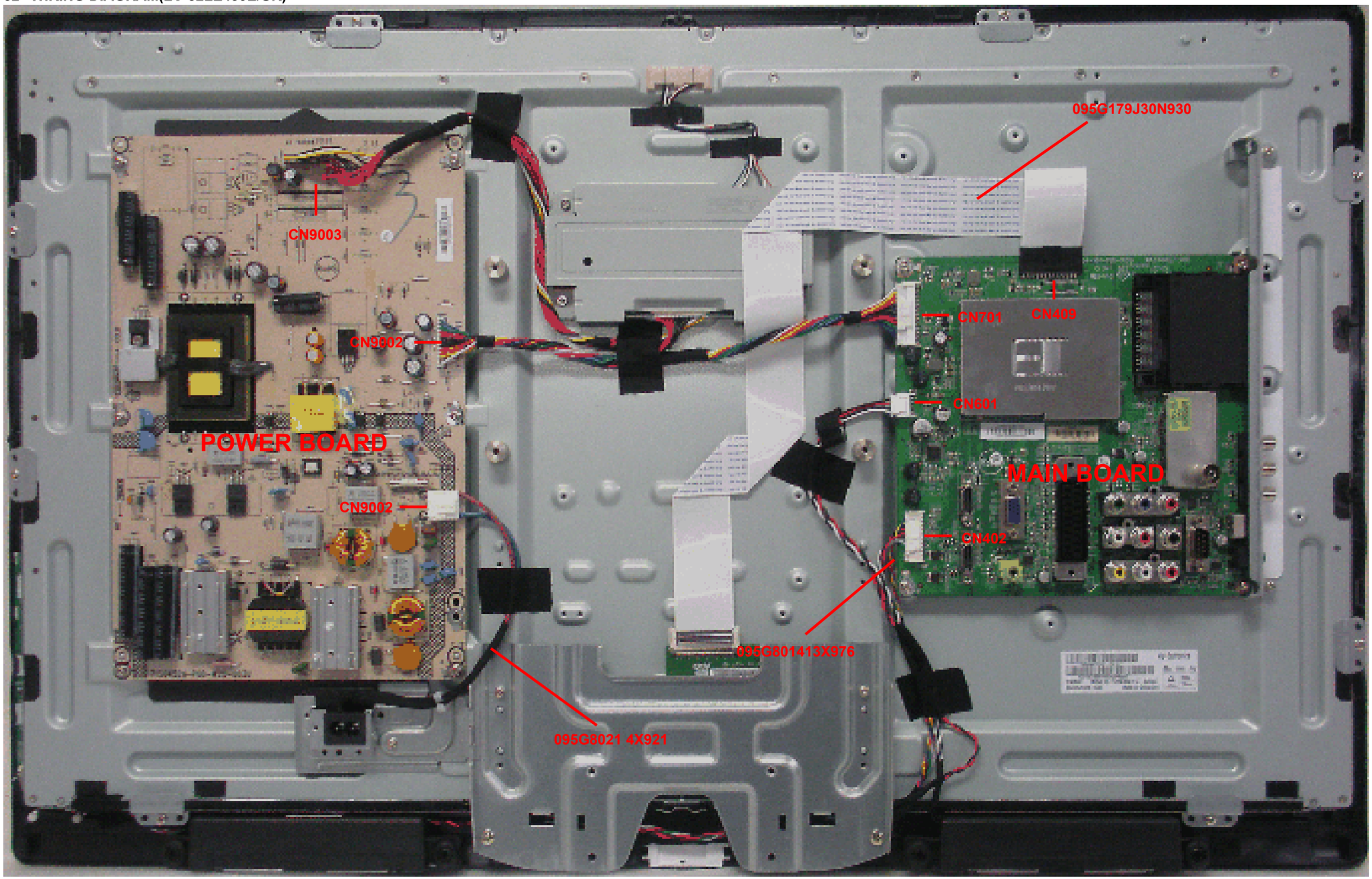
22" WIRING DIAGRAM(LC-22LE430E/UK)



26" WIRING DIAGRAM(LC-26LE430E/UK)



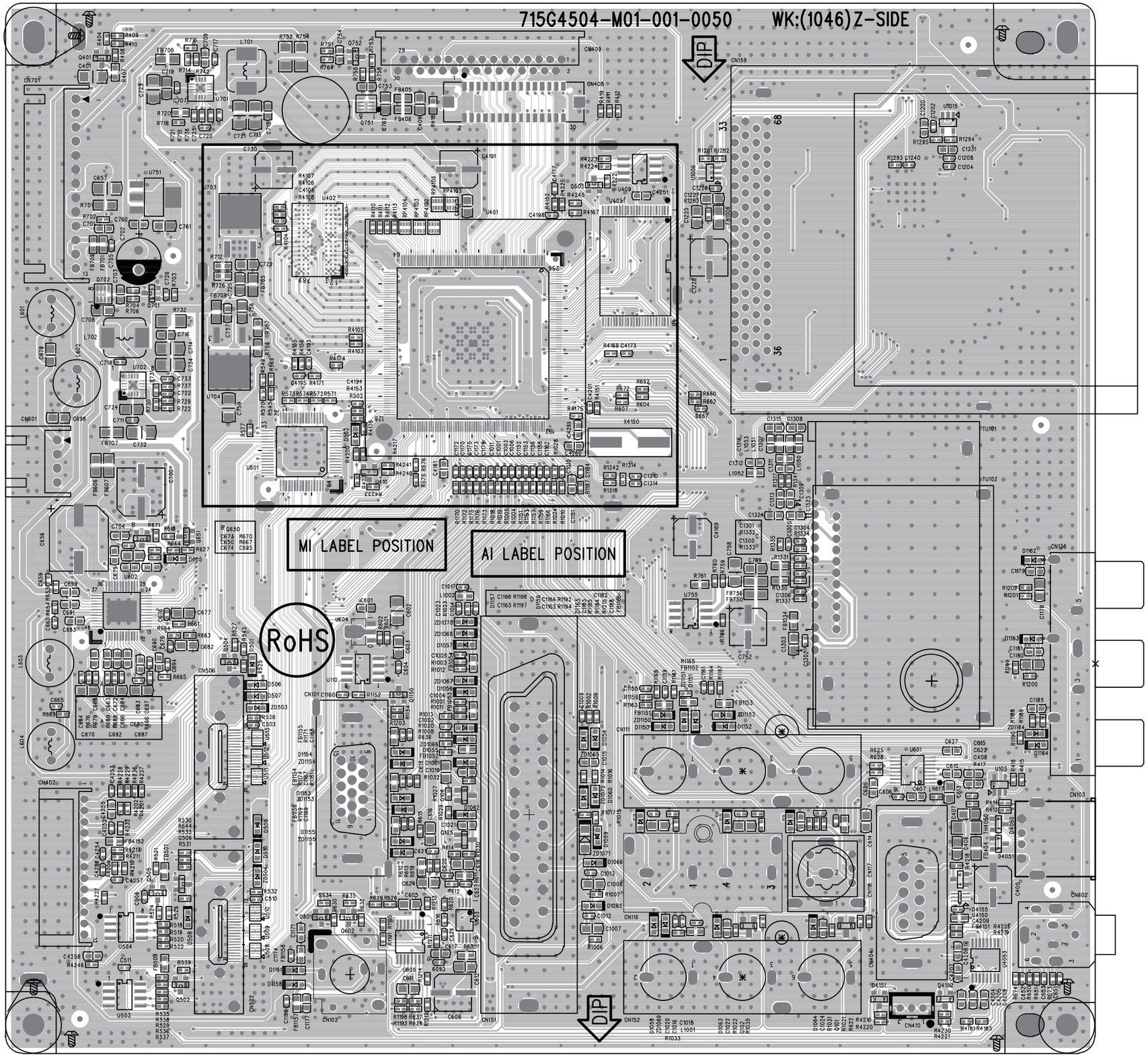
32" WIRING DIAGRAM(LC-32LE430E/UK)



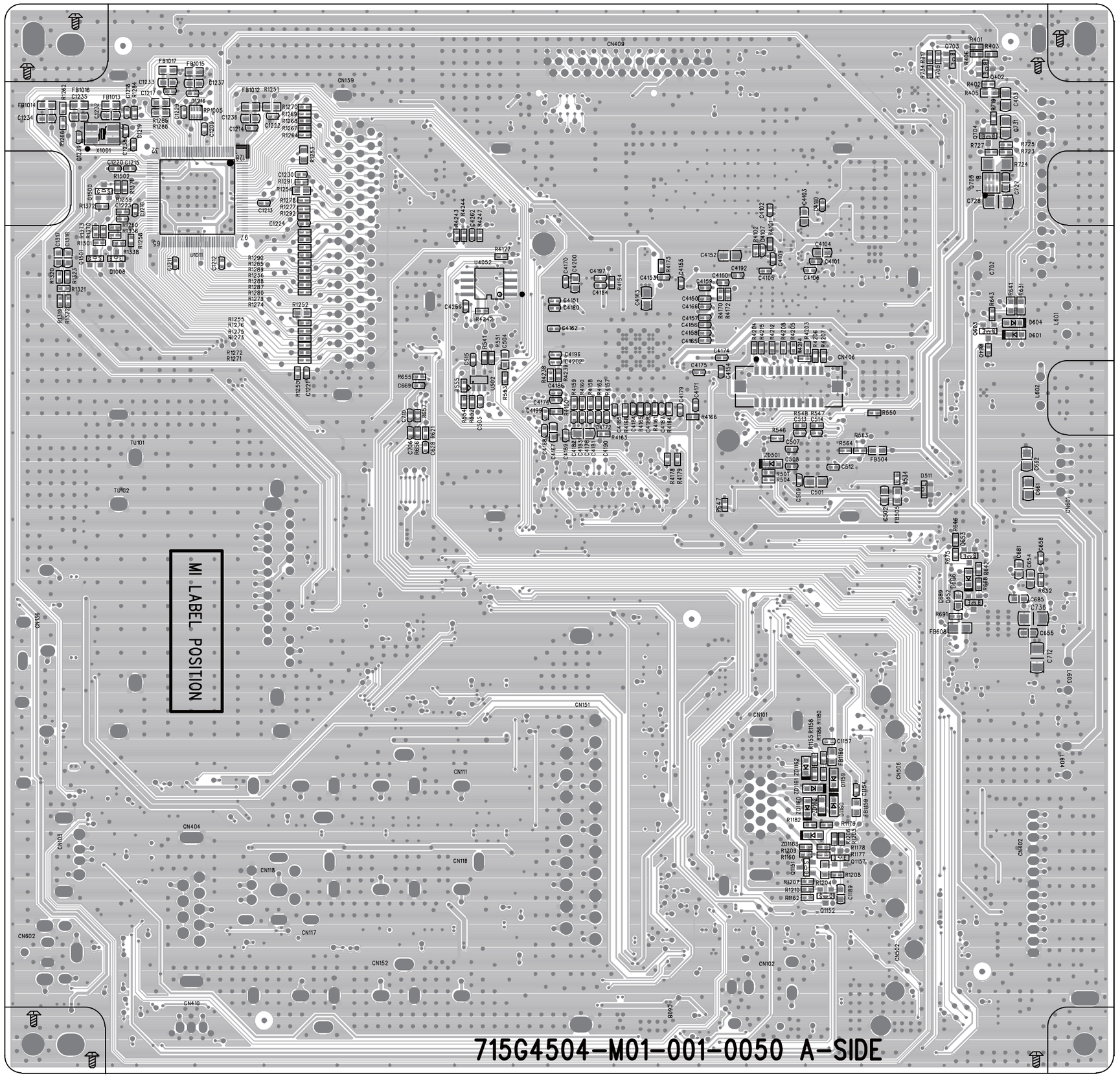
CHAPTER 7. PRINTED WIRING BOARD

[1] POWER UNIT PRINTED WIRING BOARD

MAIN UNIT(Side-A)

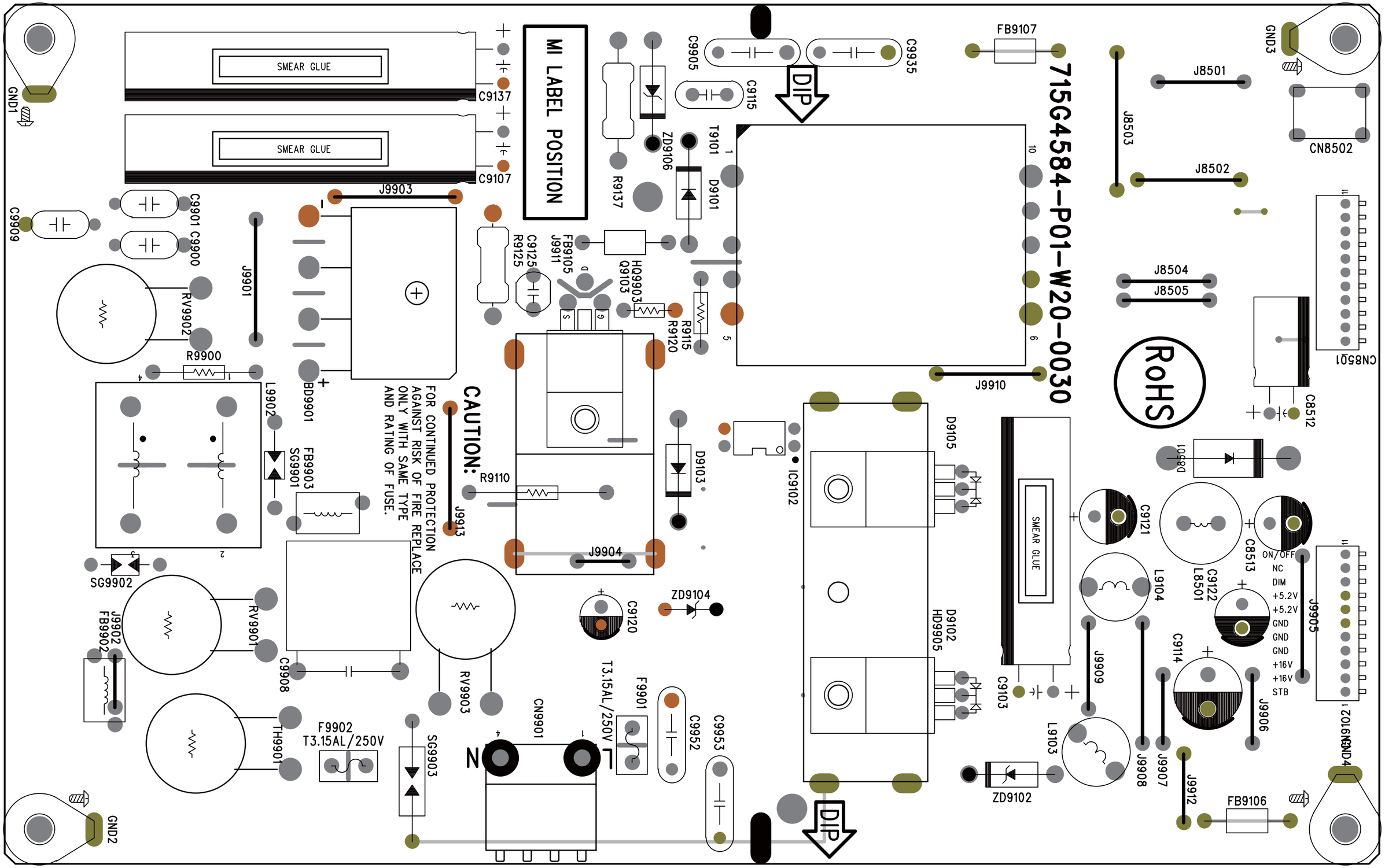


MAIN UNIT(Side-B)

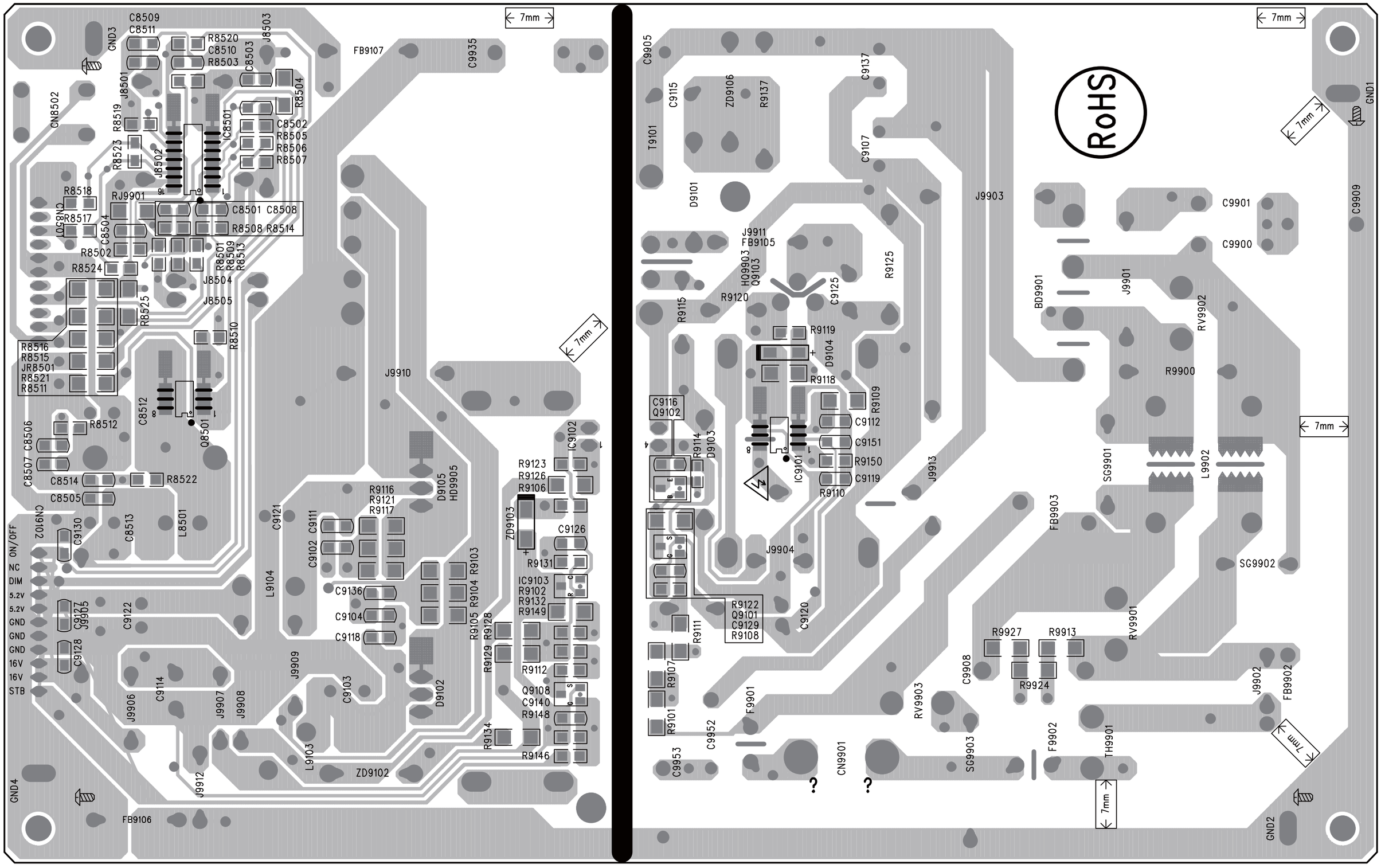


[2] POWER UNIT PRINTED WIRING BOARD(for 19″ and 22″ panel)

POWER UNIT(Side-A)

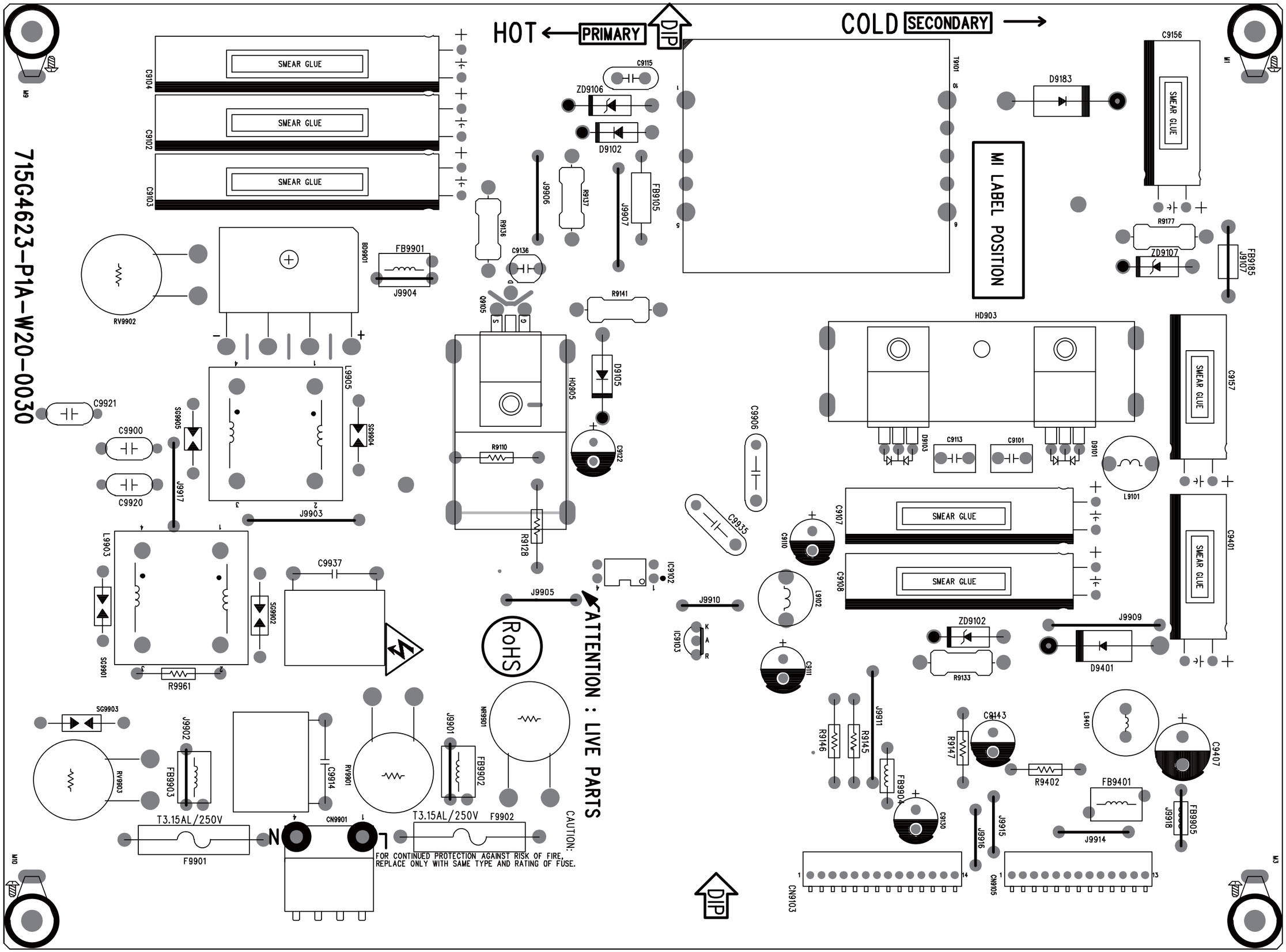


POWER UNIT(Side-B)

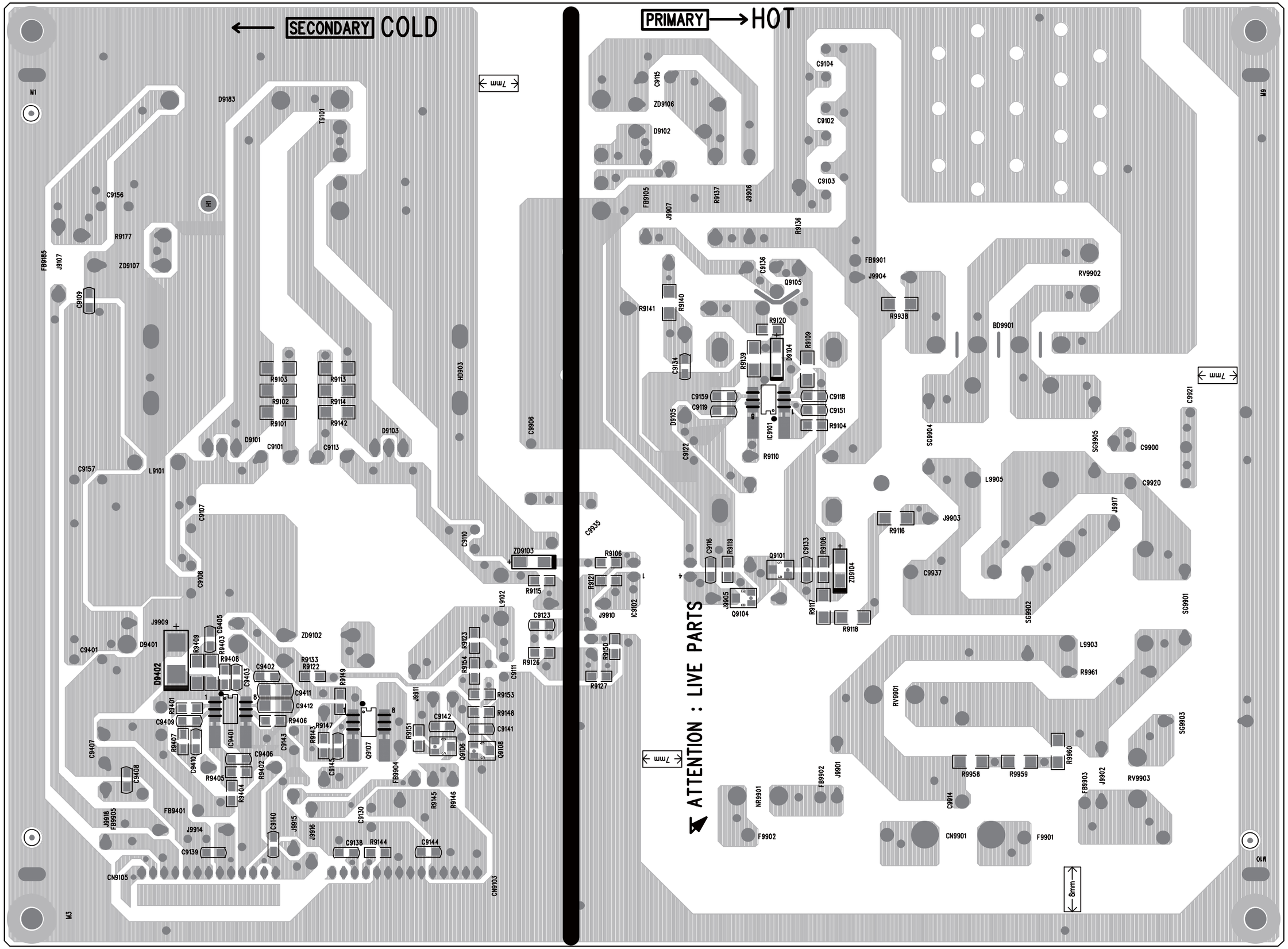


POWER UNIT PRINTED WIRING BOARD(for 26″)

POWER UNIT(Side-A)

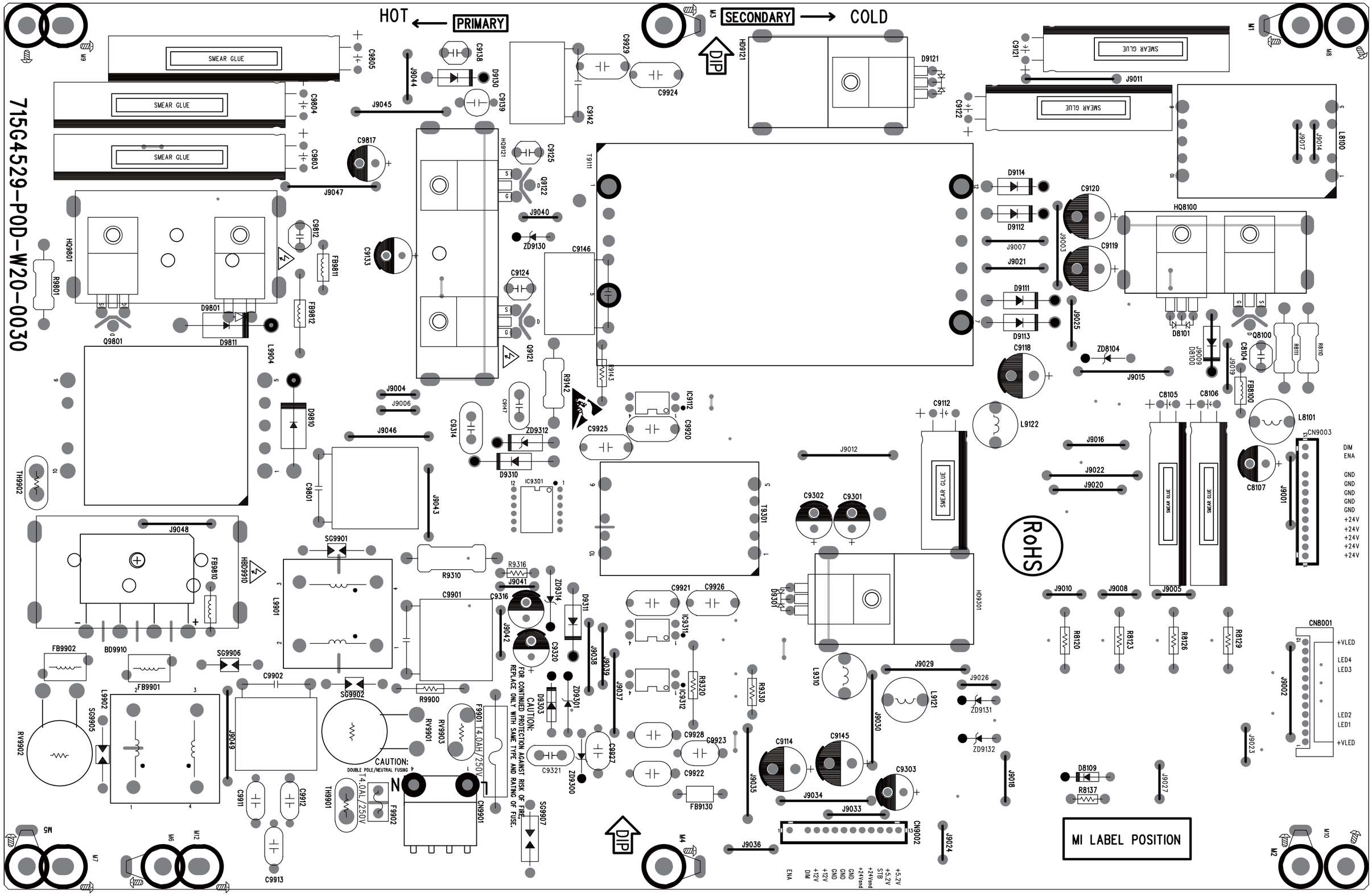


POWER UNIT(Side-B)



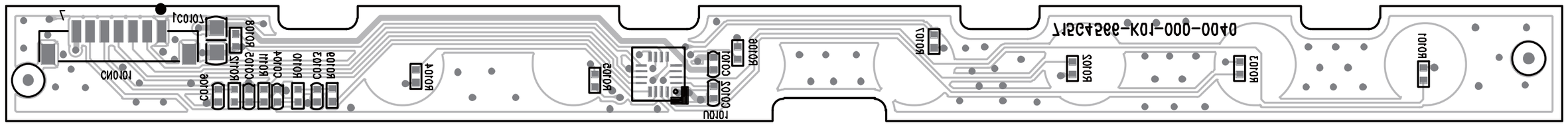
POWER UNIT PRINTED WIRING BOARD(for 32″)

POWER UNIT(Side-A)

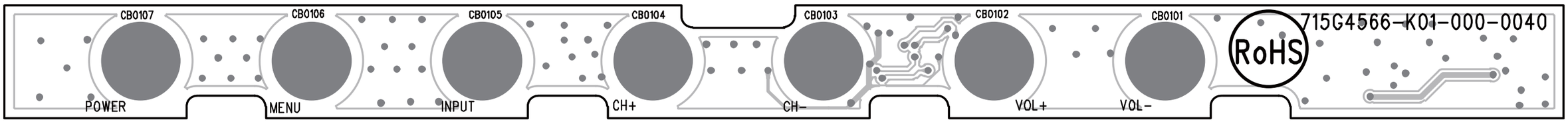


[3] KEY UNIT PRINTED WIRING BOARD

KEY UNIT (Side-A)

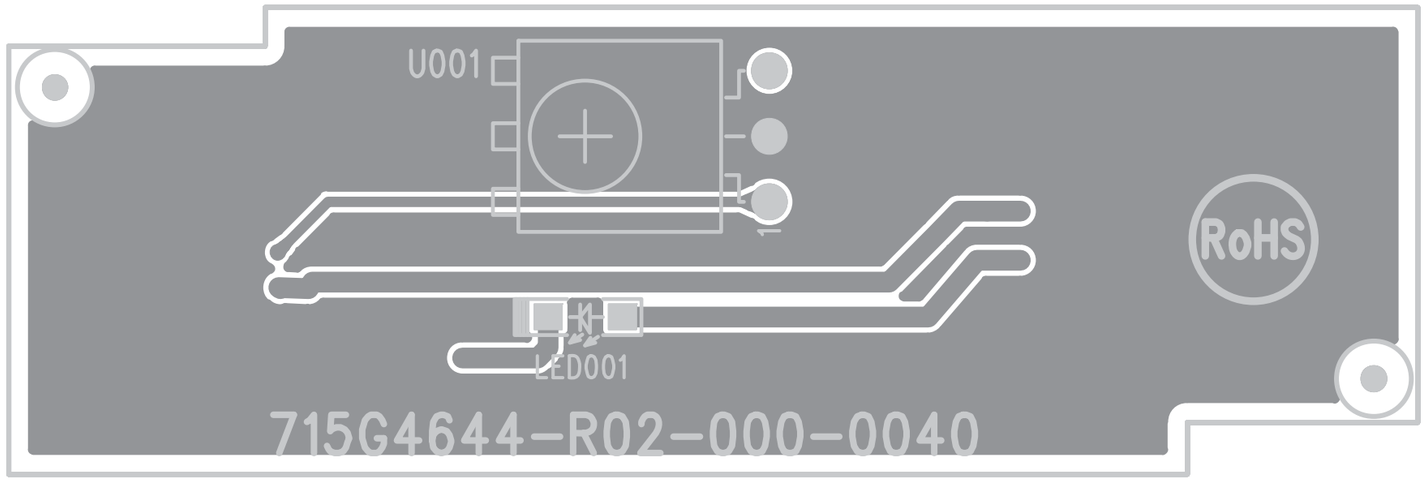


KEY UNIT (Side-B)

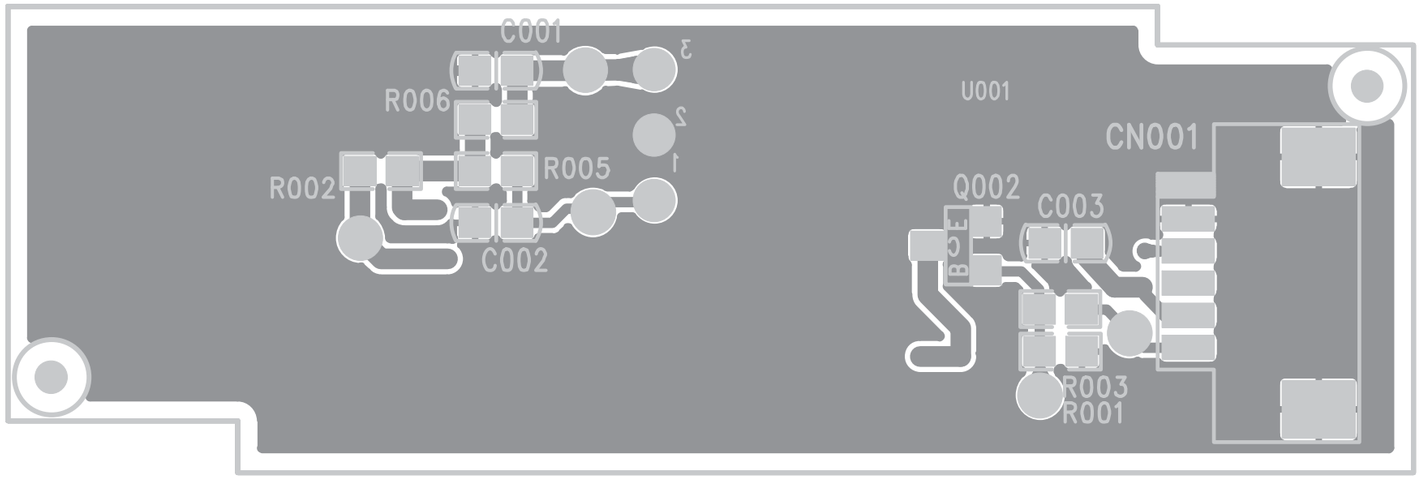


[4] IR UNIT PRINTED WIRING BOARD

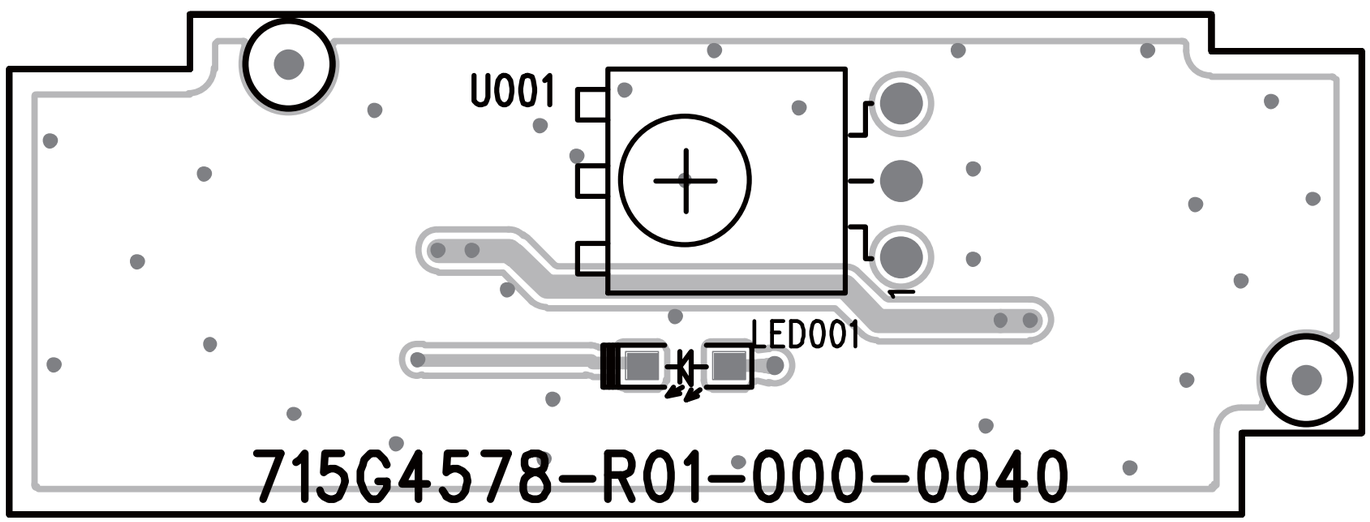
IR UNIT (Side-A) (for 19″ / 22″ / 26″ panel)



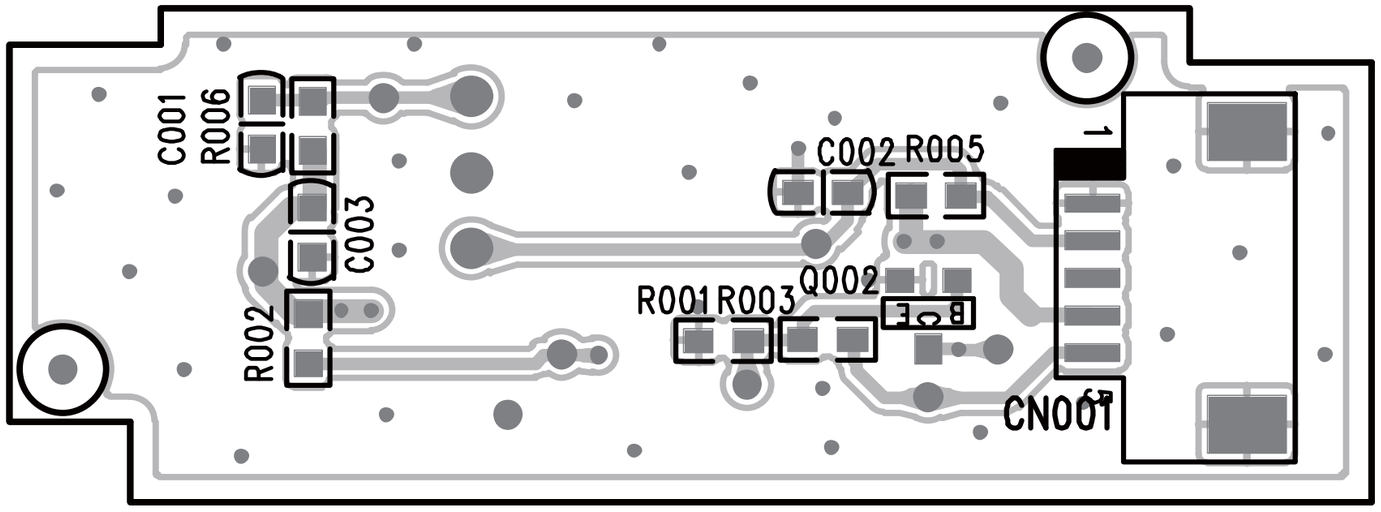
IR UNIT (Side-B)



IR UNIT (Side-A) (for 32″ panel)



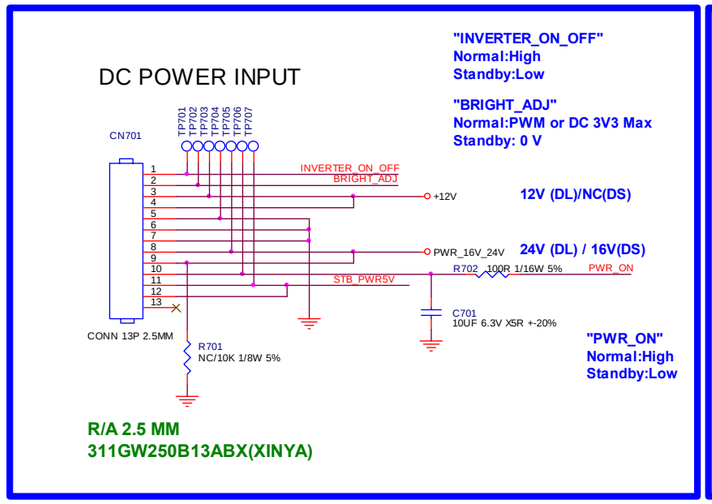
IR UNIT (Side-B)

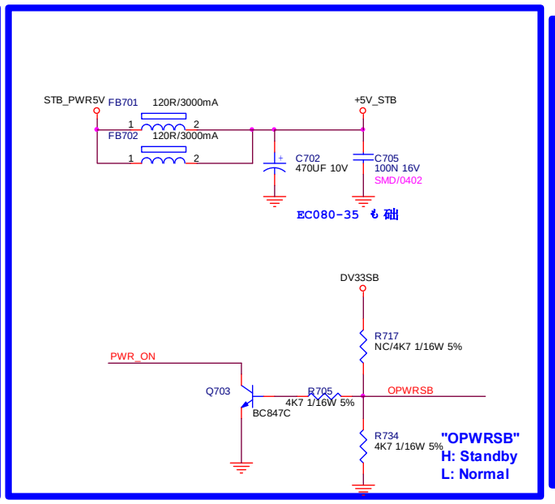


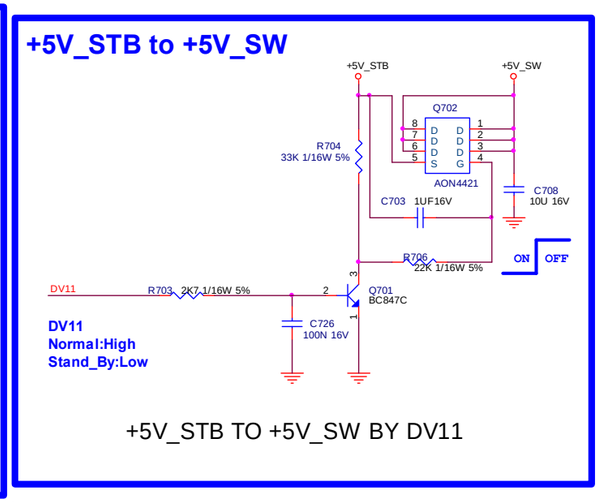
CHAPTER 8. SCHEMATIC DIAGRAM

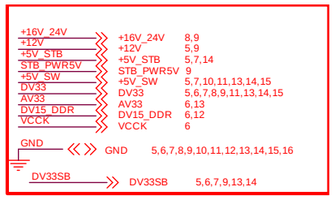
[1] MAIN SCHEMATIC DIAGRAM

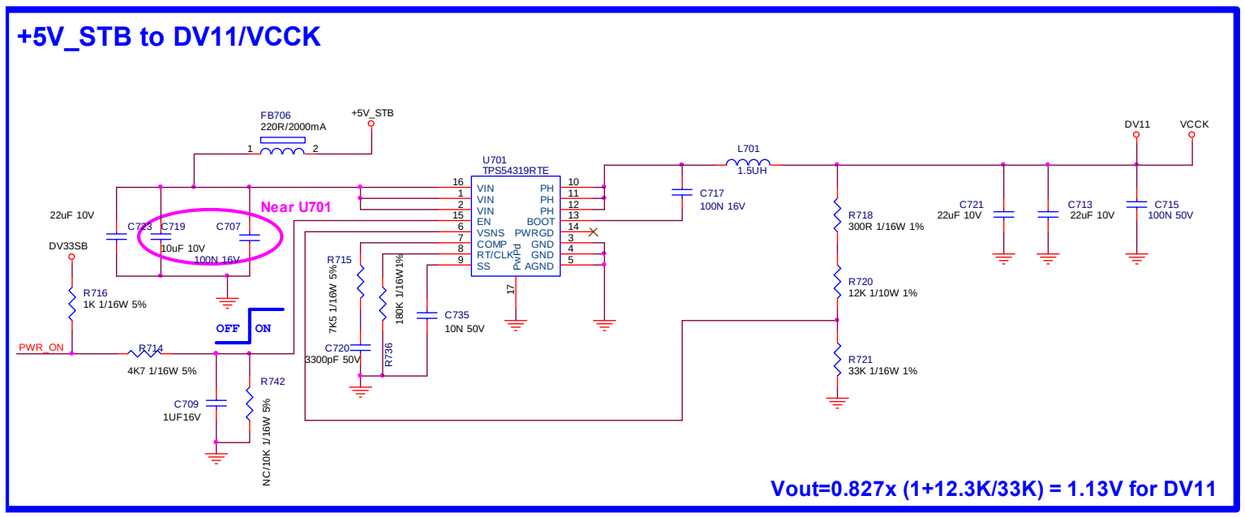
01. POWER-1

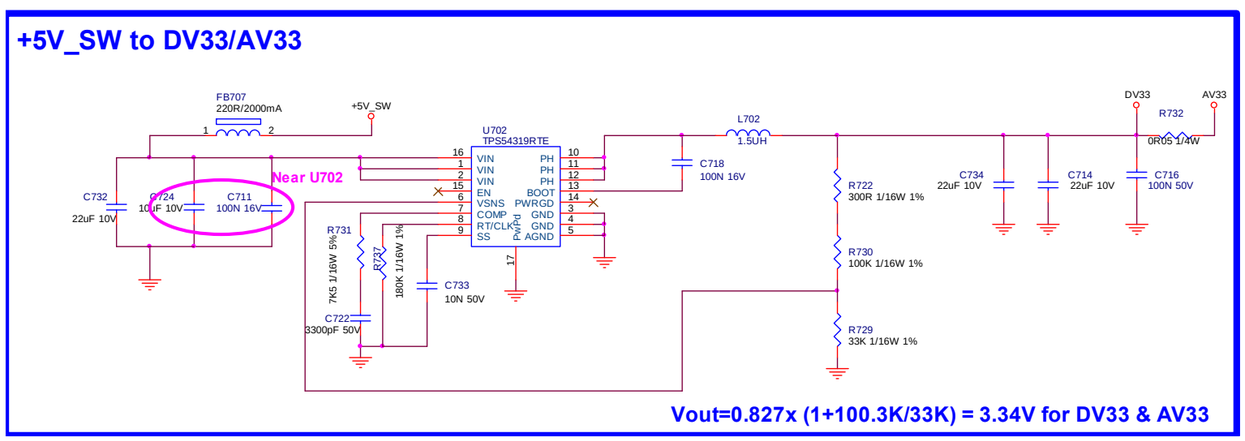


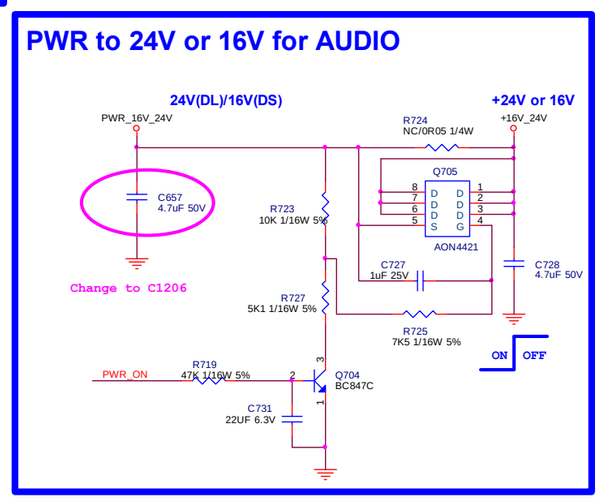


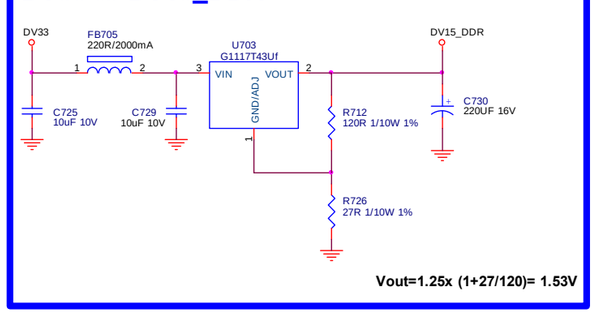






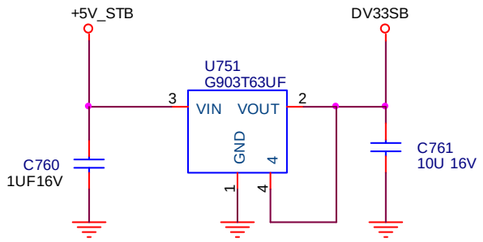






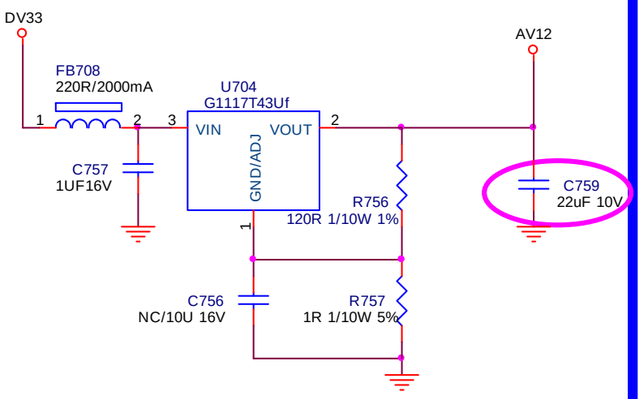
	R724	Q705	Q704	
32"	0R	NC	NC	
19"/22"/32"	NC	AON4421	BC847	

+5V_STB to DV33SB



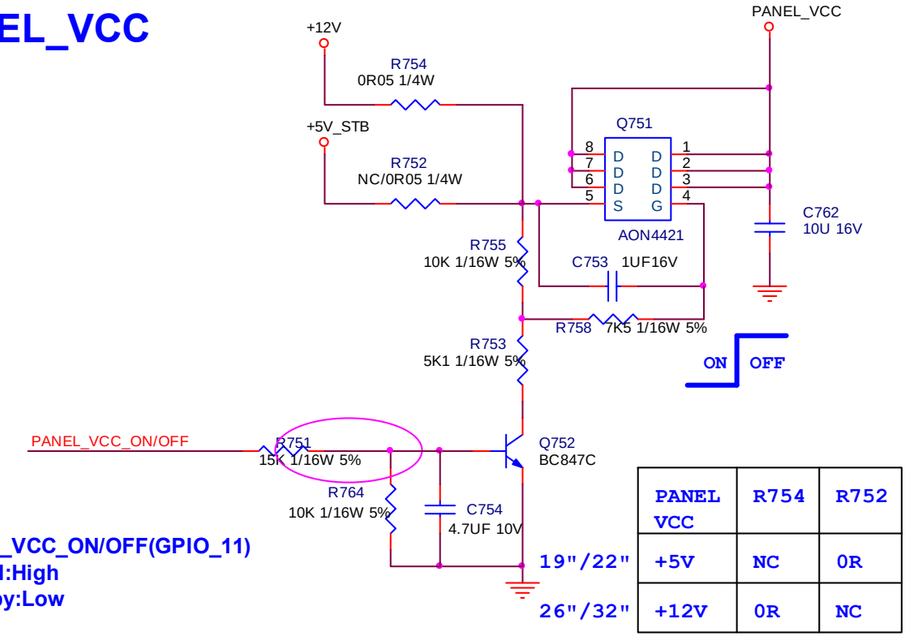
+5V_STB TO DV33SB

DV33 to AV12/DV12



Vo=1.25 x (1+1R/120R) = 1.25V

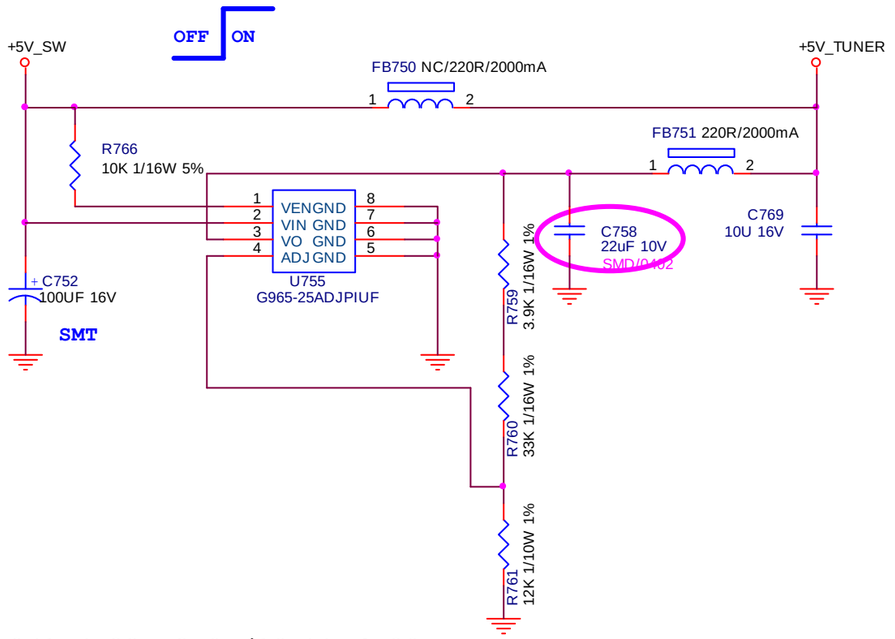
PANEL_VCC



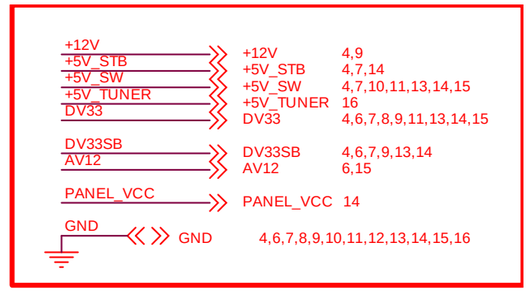
PANEL_VCC_ON/OFF(GPIO_11)
Normal:High
Standby:Low

PANEL VCC	R754	R752
19"/22"	+5V	NC	0R
26"/32"	+12V	0R	NC

+5V_SW to +5V_TUNER

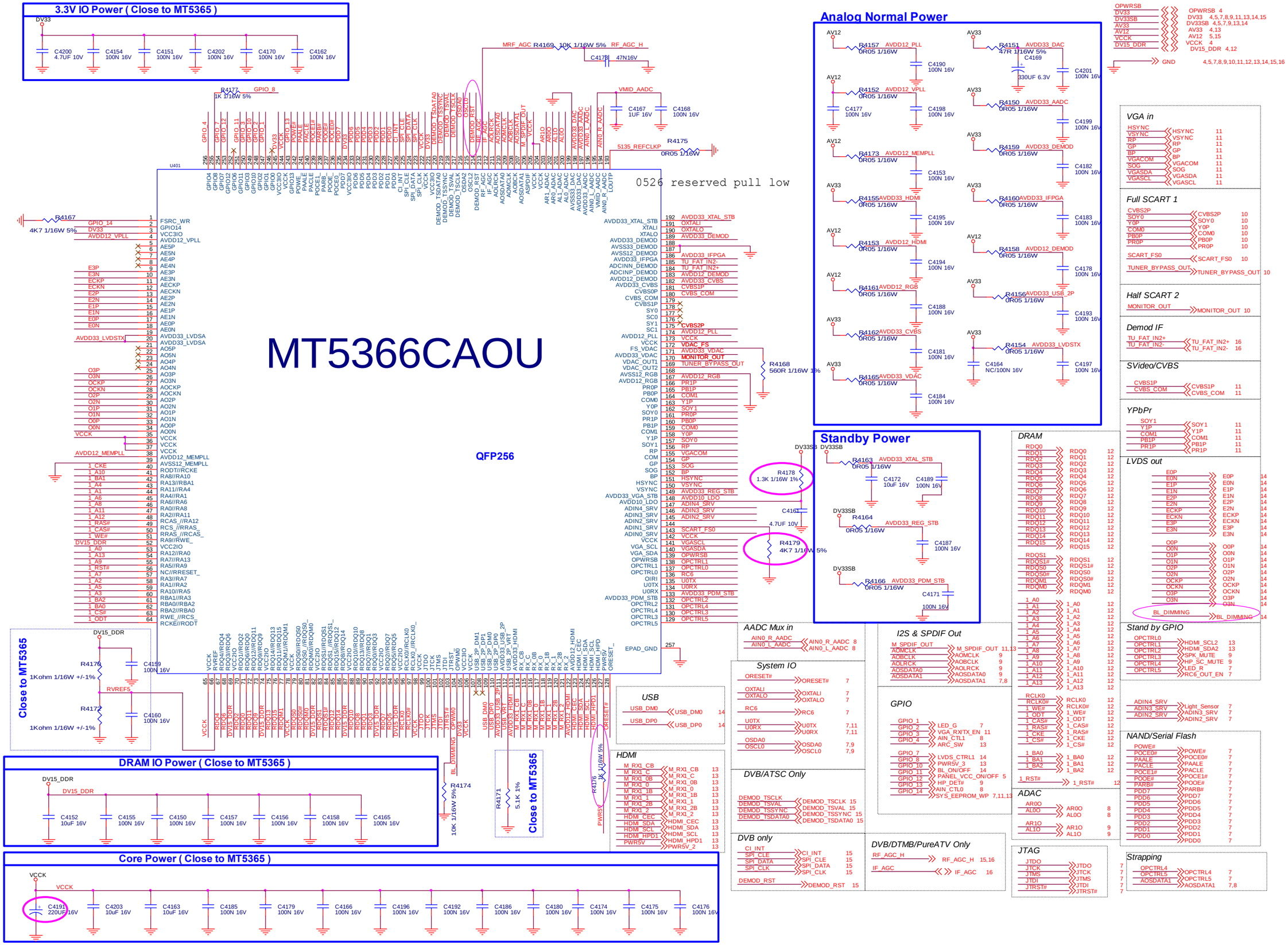


1.2(1+(<33K+3K9>/12K))=4.89V

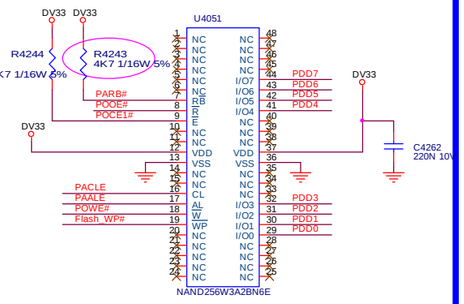


GPIO Contrl

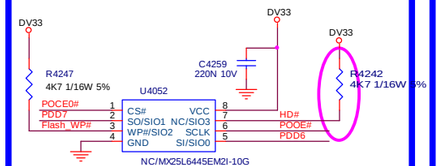
03. MT5366CAOU



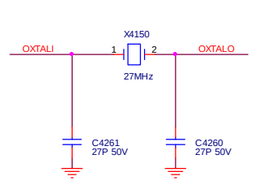
NAND Flash 32MB



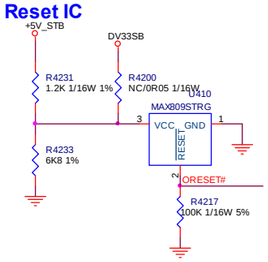
8MB NOR Flash for boot code.



27MHz CRYSTAL

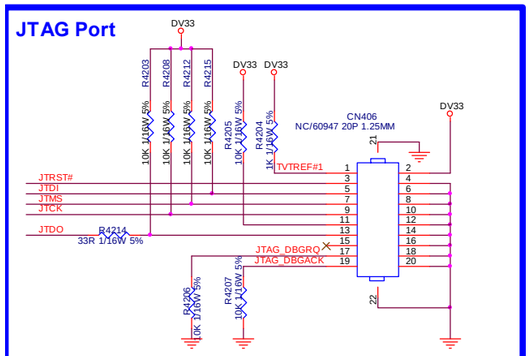


Reset IC

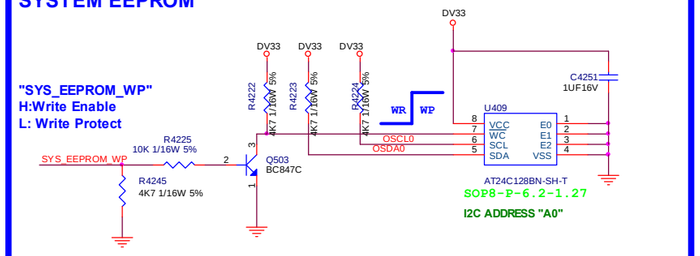


Change to 1.2K for 0.15W purpose
and DV33SB reserved

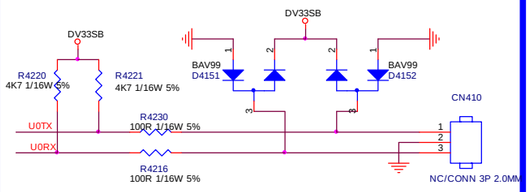
JTAG Port



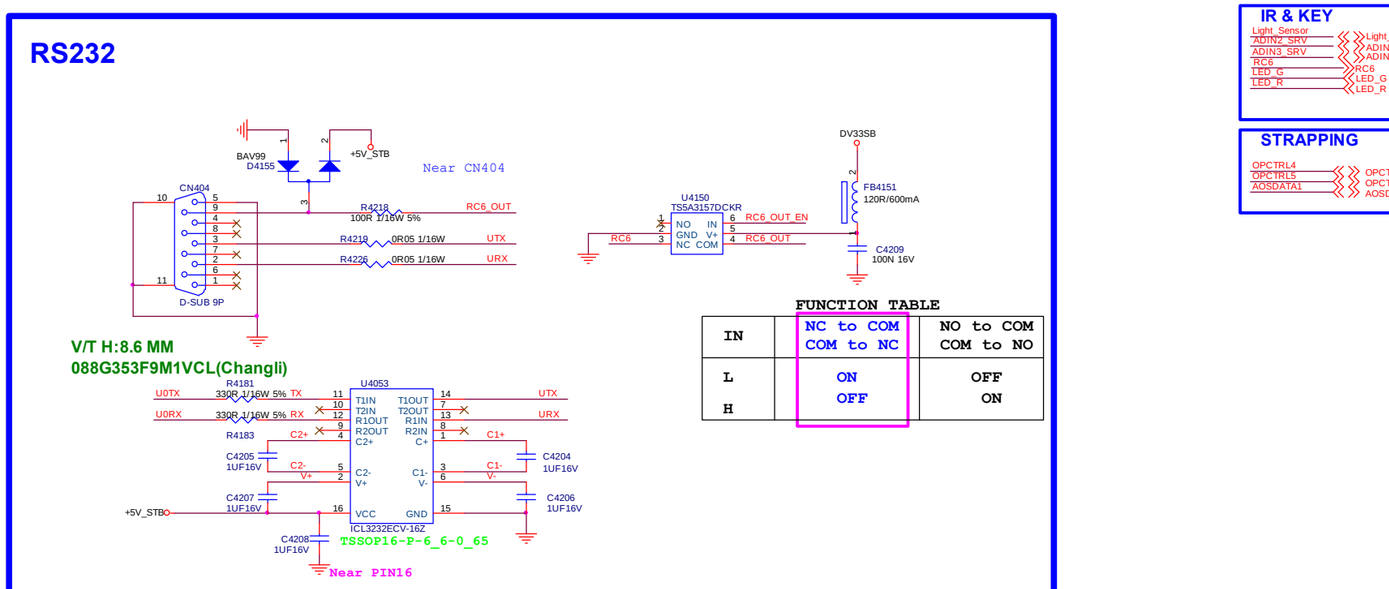
SYSTEM EEPROM



U-ART



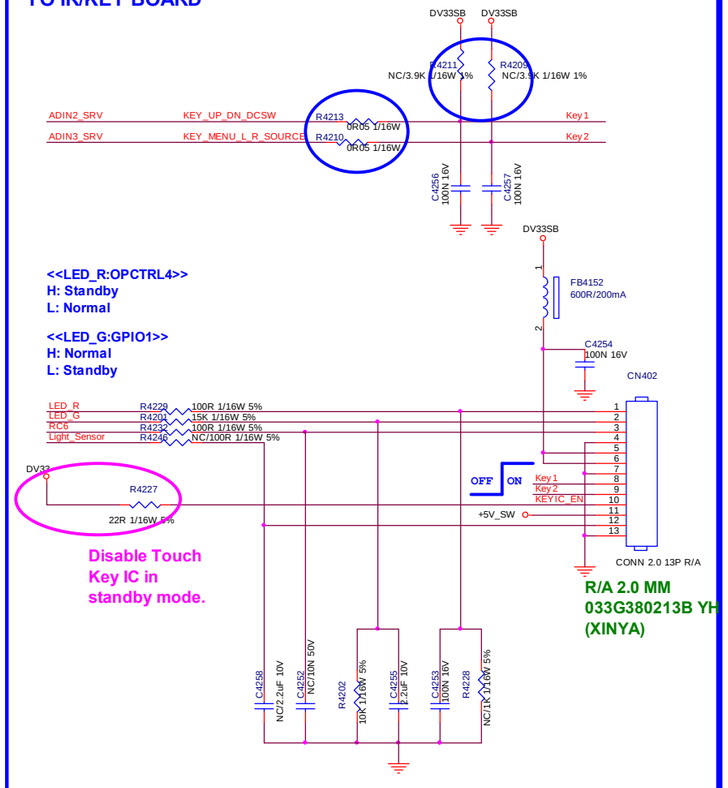
RS232



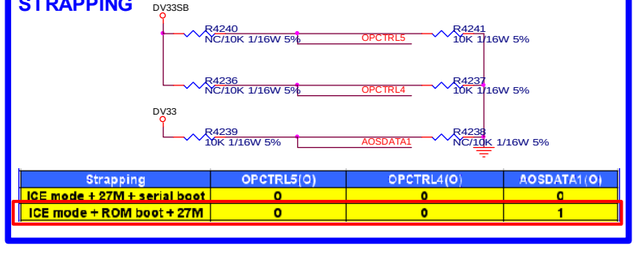
FUNCTION TABLE

IN	NC to COM COM to NC	NO to COM COM to NO
L	ON	OFF
H	OFF	ON

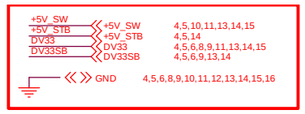
TO IR/KEY BOARD

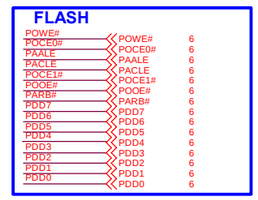


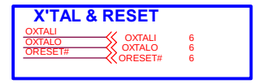
STRAPPING

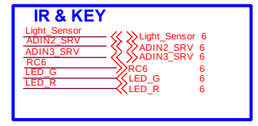


Strapping	OPCTRL5(O)	OPCTRL4(O)	AOSDATA1(O)
ICE mode + 27M + serial boot	0	0	0
ICE mode + ROM boot + 27M	0	0	1



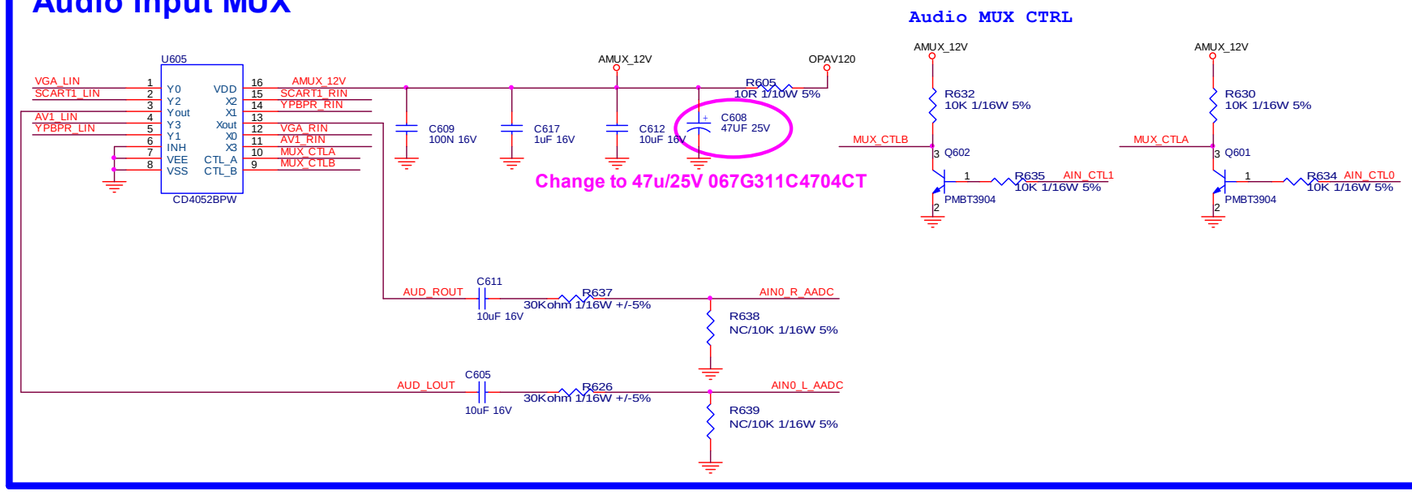






05. AUD MUX/LINE AMP

Audio Input MUX

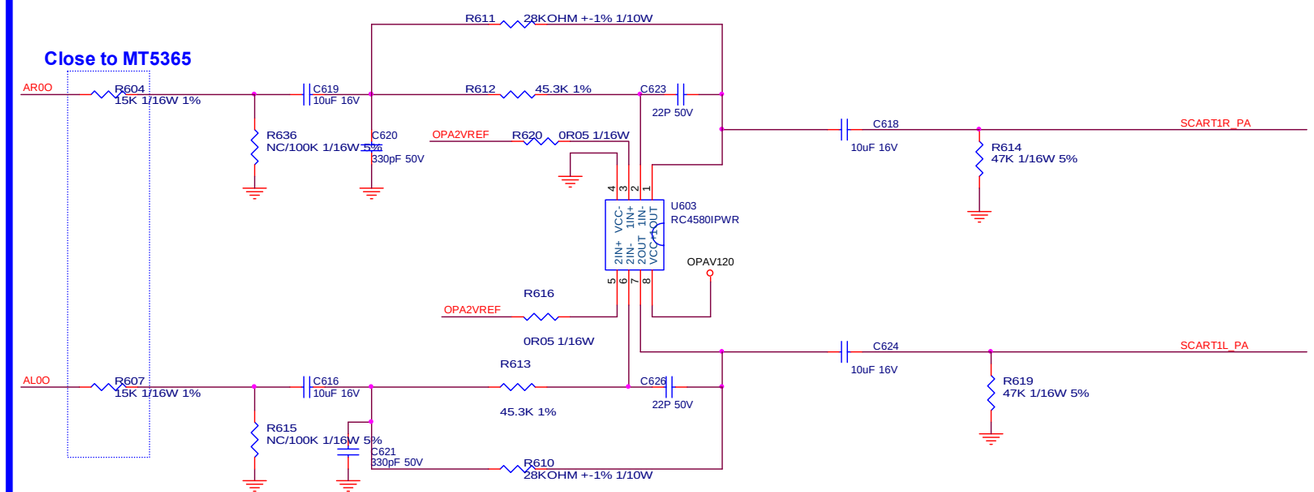


Audio Input select table

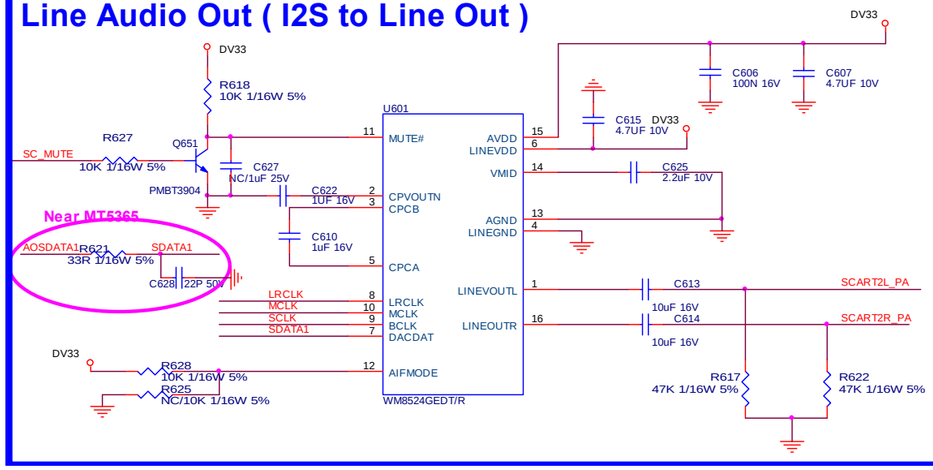
	AIN_CTL1	AIN_CTL0
VGA	1	1
SCR1	1	0
YPbPr	0	1
AV1	0	0

INHIBIT	B	A	
0	0	0	0x, 0y
0	0	1	1x, 1y
0	1	0	2x, 2y
0	1	1	3x, 3y
1	X	X	None

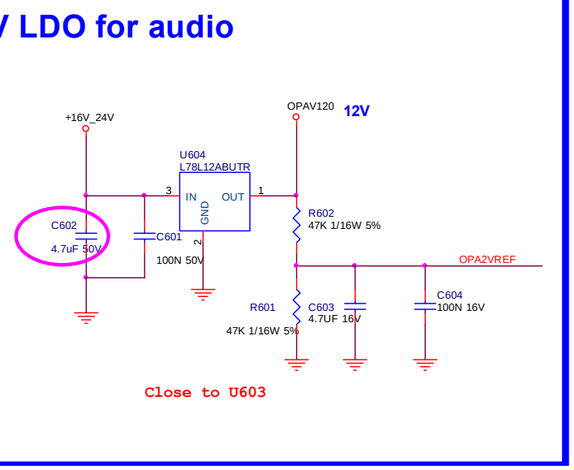
SCT1 Audio Out(PWMDAC to Line out)



Line Audio Out (I2S to Line Out)



+12V LDO for audio



+16V_24V, AMUX_12V, DV33 → +16V_24V 4,9; AMUX_12V 10,11; DV33 4,5,6,7,9,11,13,14,15; GND 4,5,6,7,9,10,11,12,13,14,15,16

Audio Input for MUX

SCART1_RIN	SCART1_RIN	10
SCART1_LIN	SCART1_LIN	10
AV1_RIN	AV1_RIN	11
AV1_LIN	AV1_LIN	11
YPBPR_RIN	YPBPR_RIN	11
YPBPR_LIN	YPBPR_LIN	11
VGA_RIN	VGA_RIN	11
VGA_LIN	VGA_LIN	11

Audio Output to MT5365

AIN0_R_AADC	AIN0_R_AADC	6
AIN0_L_AADC	AIN0_L_AADC	6

SCART1 audio output

AL0O	AL0O	6
AR0O	AR0O	6
SCART1R_PA	SCART1R_PA	10
SCART1L_PA	SCART1L_PA	10

Line audio output

SCART2R_PA	SCART2R_PA	10
SCART2L_PA	SCART2L_PA	10

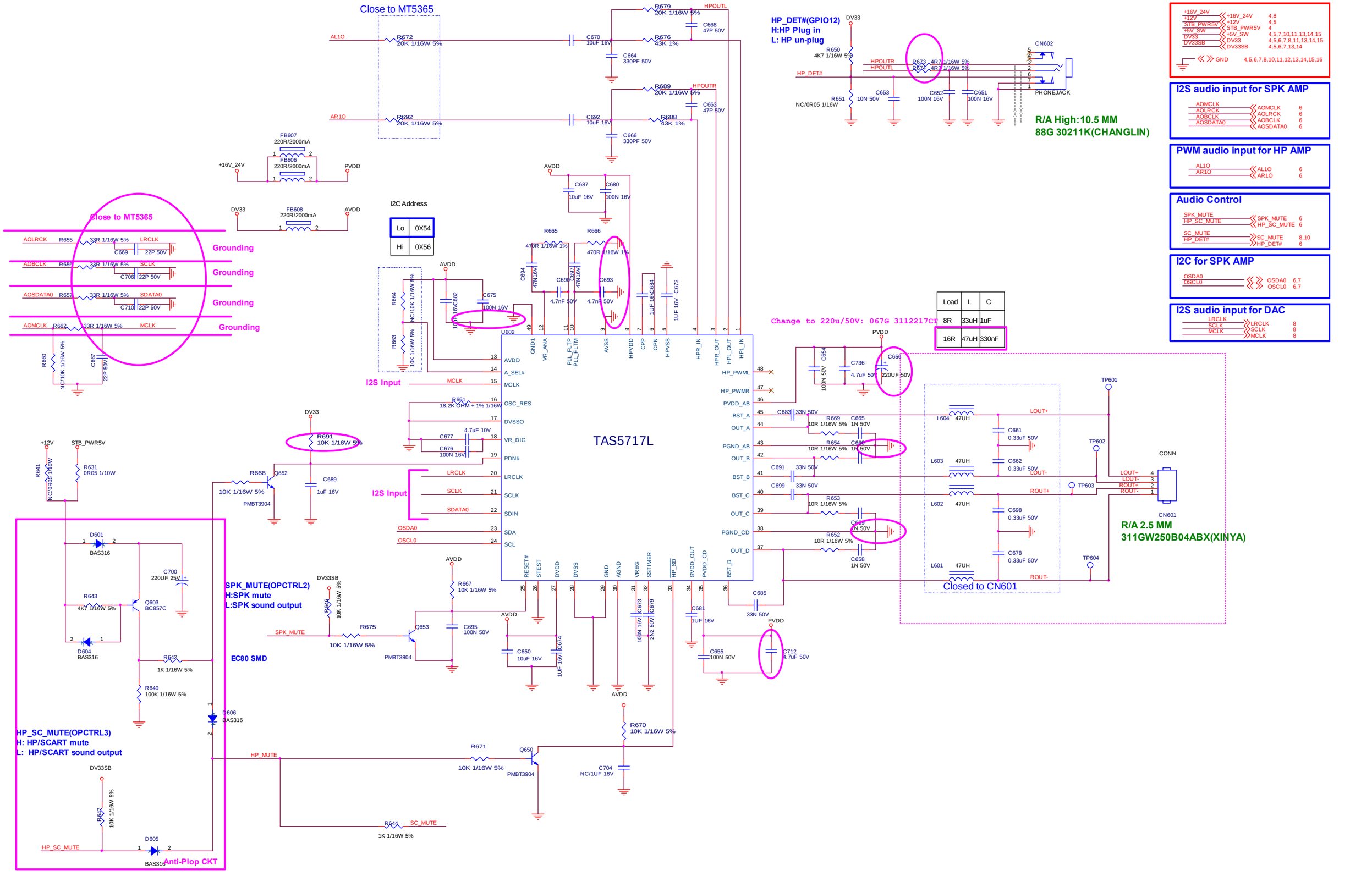
Audio Control

SC_MUTE	SC_MUTE	9,10
AIN_CTL0	AIN_CTL0	6
AIN_CTL1	AIN_CTL1	6

I2S audio input for DAC

LRCLK	LRCLK	9
SCLK	SCLK	9
MCLK	MCLK	9
AOSDATA1	AOSDATA1	6,7

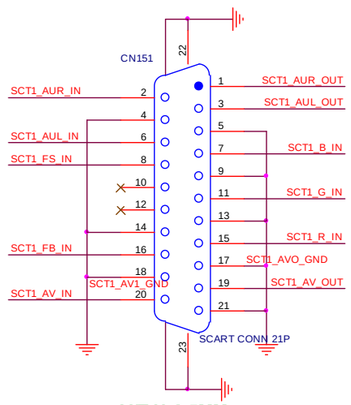
06. SPK AMP / HP AMP



07. SCART I/O

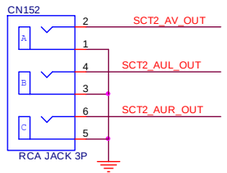
SCART 1(Full SCART) -- CVBS+SV+RGB+TV OUT

Full SCART(RGB + CVBS + L/R IN_OUT)



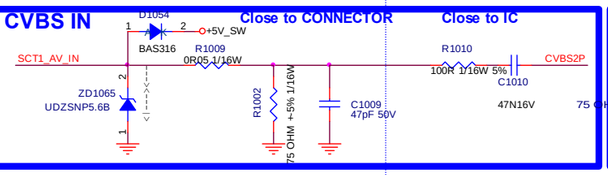
V/T H:8.5MM
088G355FLB1VCL(Changling)

AV Monitor OUT(CVBS +L/R)

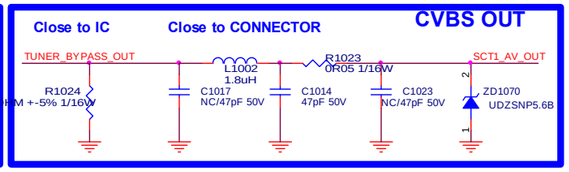


V/T H:10.5MM
088G 78F131XCL(Changling)

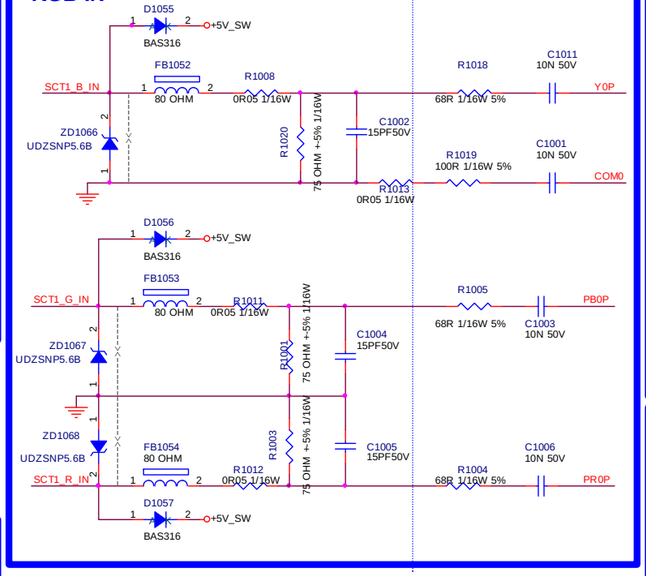
CVBS IN



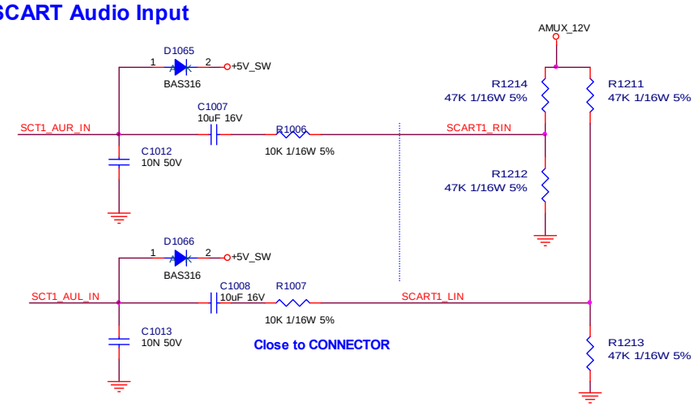
CVBS OUT



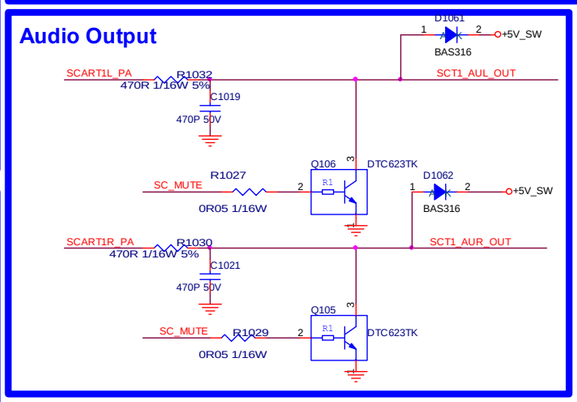
RGB IN



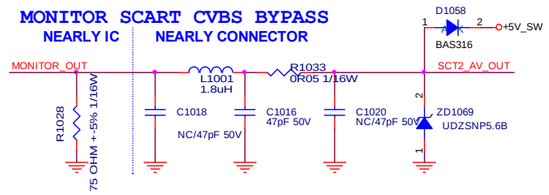
SCART Audio Input



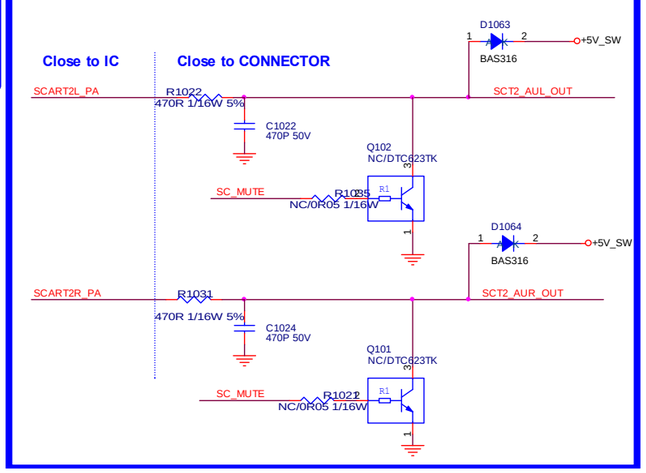
Audio Output



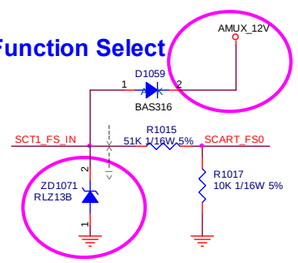
MONITOR SCART CVBS BYPASS



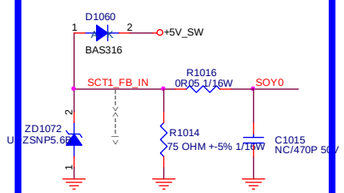
Audio Output



Function Select



FAST BLANKING/SOY



SCART1 in_out

CVBS2P	CVBS2P	6
SOY0	SOY0	6
Y0P	Y0P	6
COM0	COM0	6
PB0P	PB0P	6
PR0P	PR0P	6
TUNER_BYPASS_OUT	TUNER_BYPASS_OUT	6
SCART1_RIN	SCART1_RIN	8
SCART1_LIN	SCART1_LIN	8
SCART1R_PA	SCART1R_PA	8
SCART1L_PA	SCART1L_PA	8
SCART_FS0	SCART_FS0	6

AV monitor output

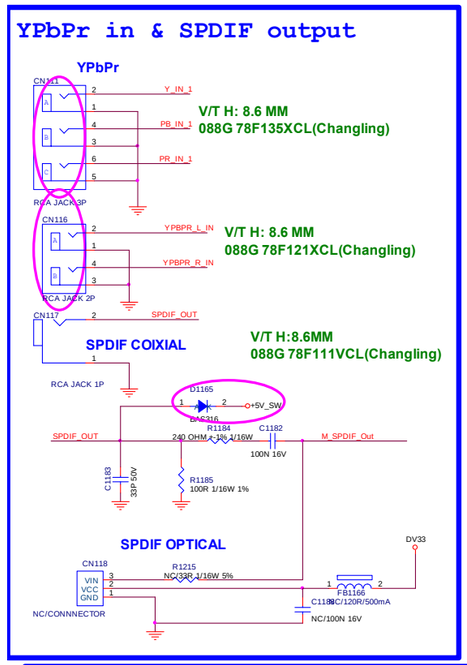
MONITOR_OUT	MONITOR_OUT	6
SCART2R_PA	SCART2R_PA	8
SCART2L_PA	SCART2L_PA	8

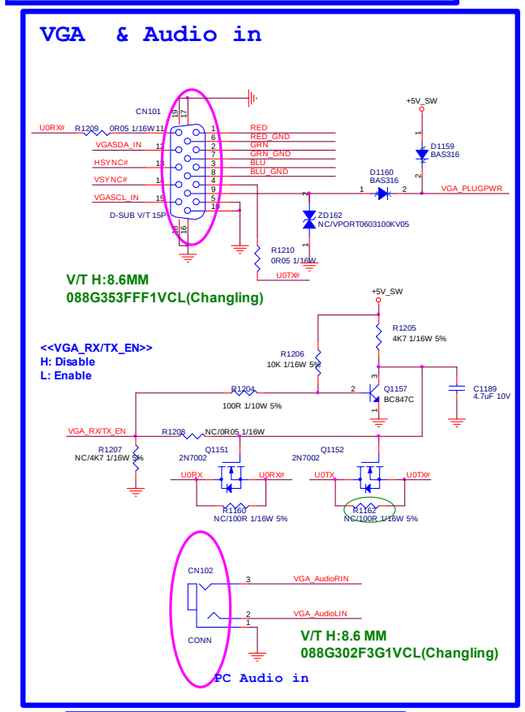
SCART mute

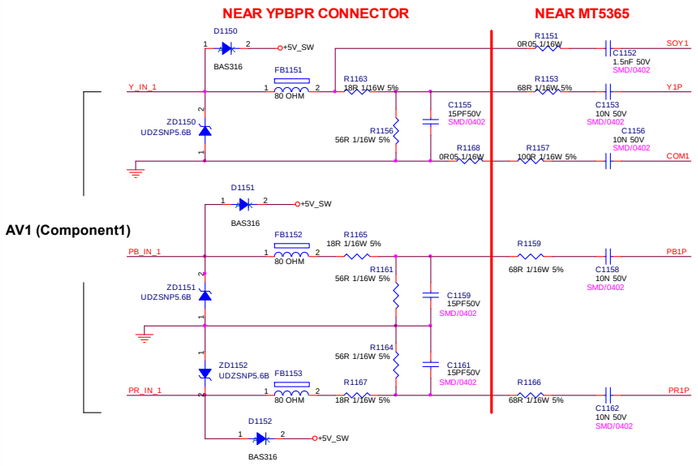
SC_MUTE	SC_MUTE	8,9

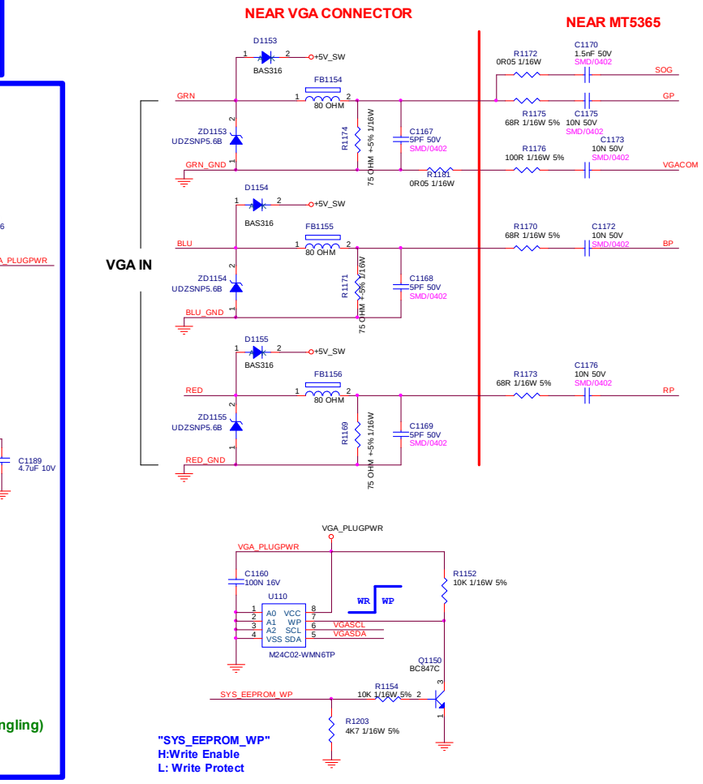
+5V_SW	+5V_SW	4,5,7,11,13,14,15
AMUX_12V	AMUX_12V	8,11
GND	GND	4,5,6,7,8,9,11,12,13,14,15,16

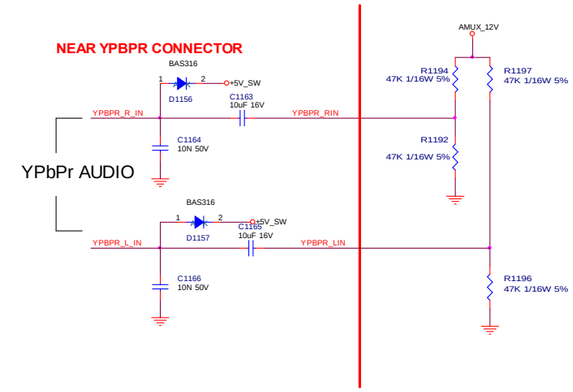
08. YPBPR/ VGA/ SIDE AV INPUT

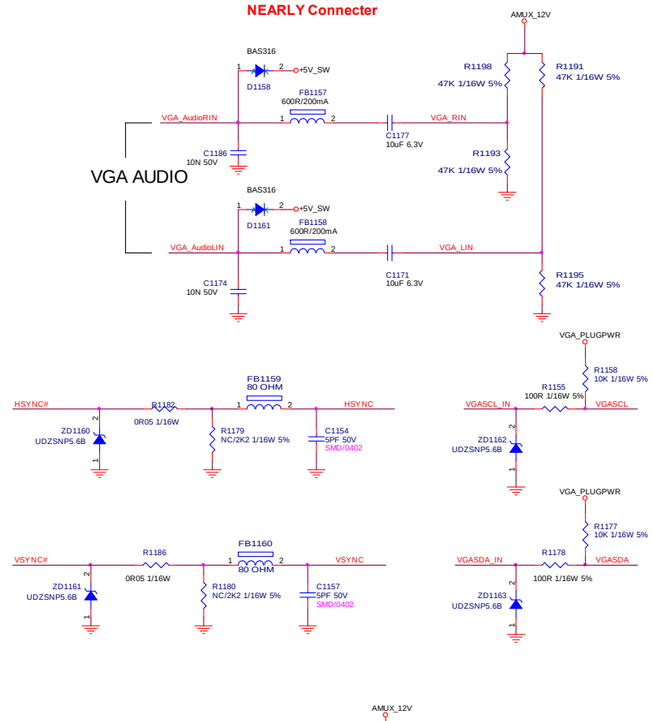


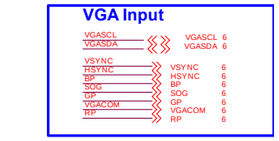


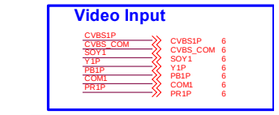


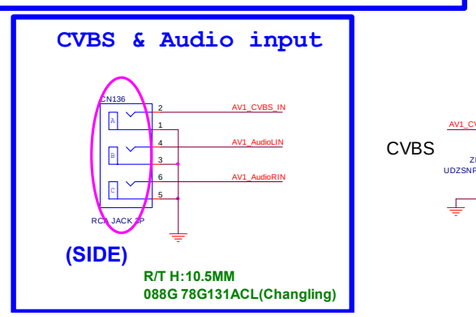


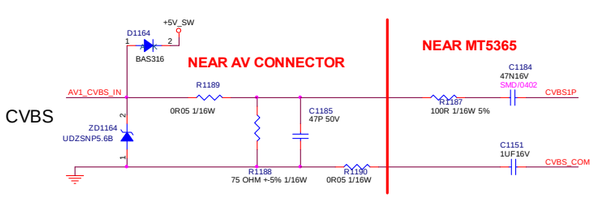


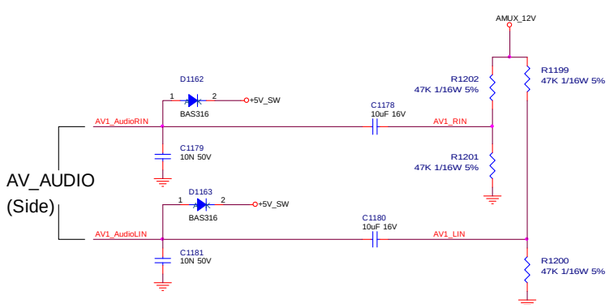




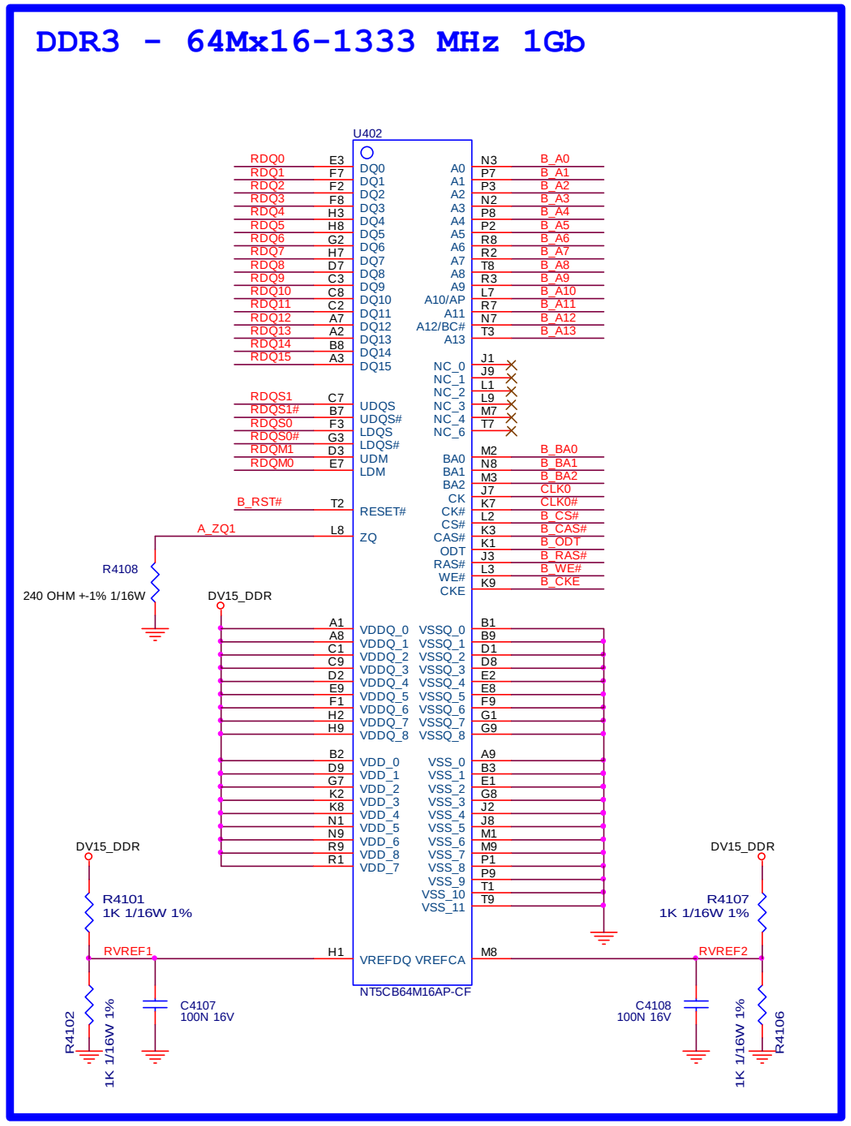


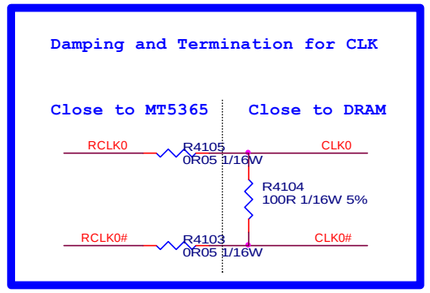


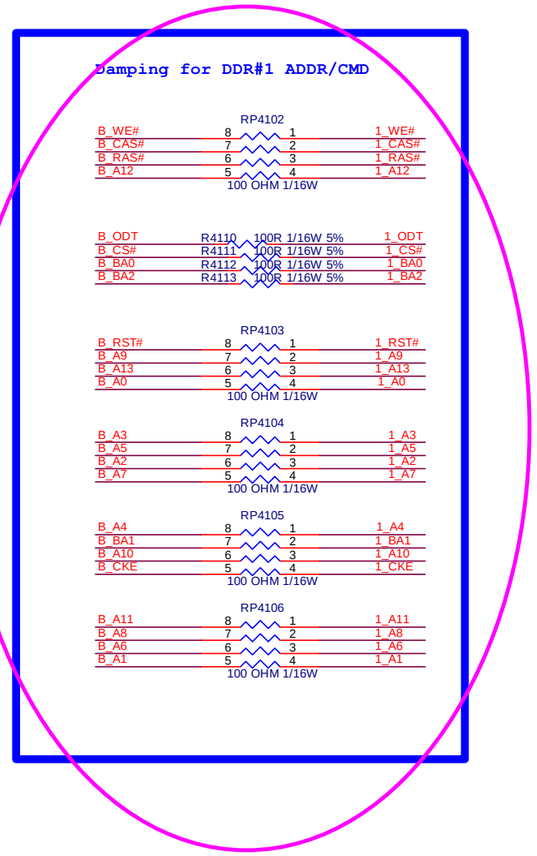




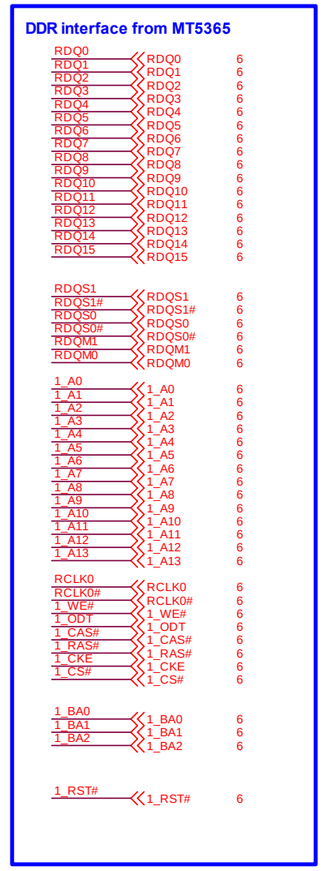
09. DDR3 DRAM

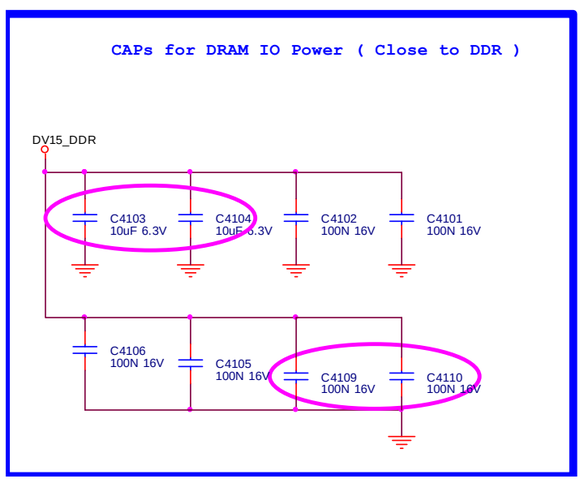

DDR3 - 64Mx16-1333 MHz 1Gb
U402
NT5CB64M16AP-CF
R4101 1K 1/16W 1%
R4102 1K 1/16W 1%
R4107 1K 1/16W 1%
R4106 1K 1/16W 1%
R4108 240 OHM +-1% 1/16W
C4107 100N 16V
C4108 100N 16V
DV15_DDR
RVREF1
RVREF2
A_ZQ1
B_RST#


Damping and Termination for CLK
Close to MT5365
Close to DRAM
R4105 0R05 1/16W
R4104 100R 1/16W 5%
R4103 0R05 1/16W
RCLK0
RCLK0#
CLK0
CLK0#

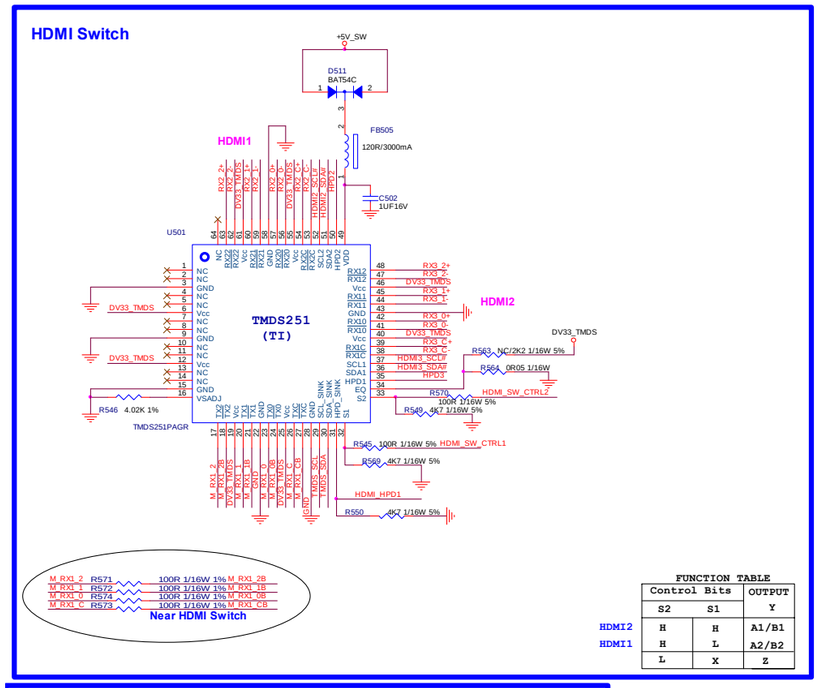

Damping for DDR#1 ADDR/CMD
RP4102
RP4103
RP4104
RP4105
RP4106
100 OHM 1/16W
R4110 100R 1/16W 5%
R4111 100R 1/16W 5%
R4112 100R 1/16W 5%
R4113 100R 1/16W 5%

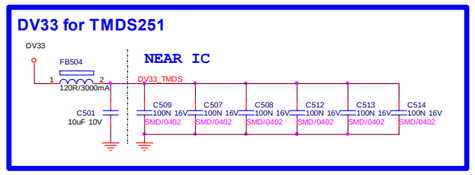
DV15_DDR
GND
4,5,6,7,8,9,10,11,13,14,15,16

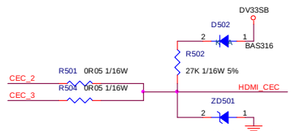

DDR interface from MT5365

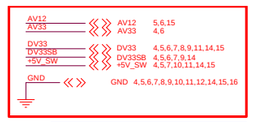

CAPs for DRAM IO Power (Close to DDR)
DV15_DDR
C4103 10uF 6.3V
C4104 10uF 6.3V
C4102 100N 16V
C4101 100N 16V
C4106 100N 16V
C4105 100N 16V
C4109 100N 16V
C4110 100N 16V

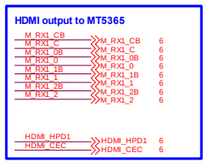
10. HDMI1/HDMI2 INPUT

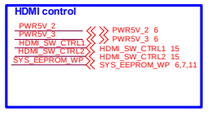


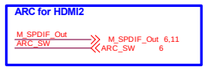


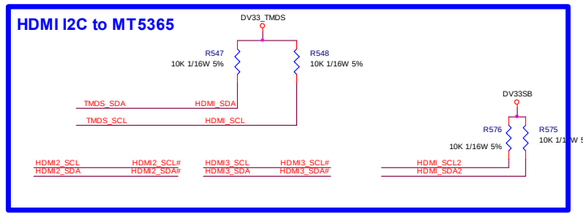


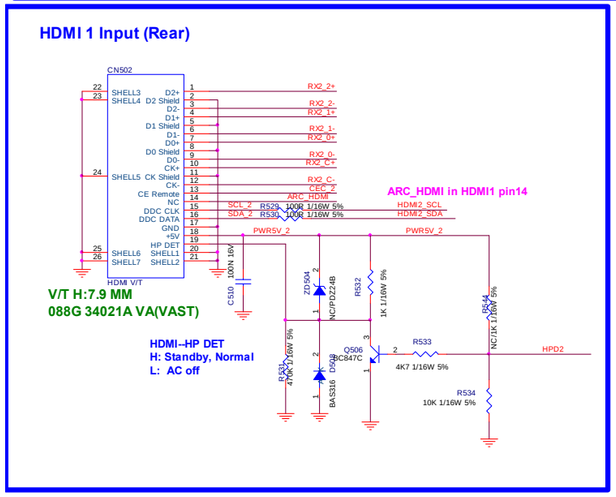


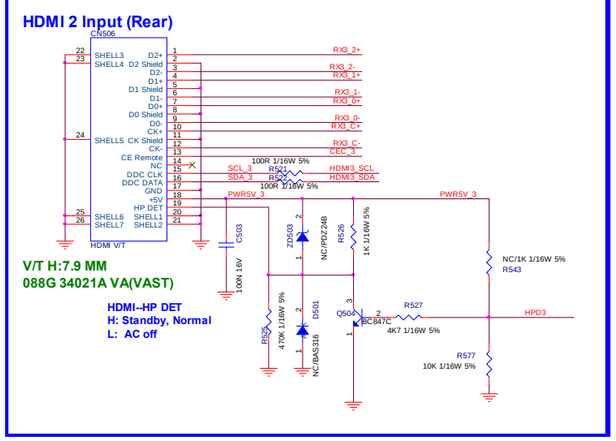


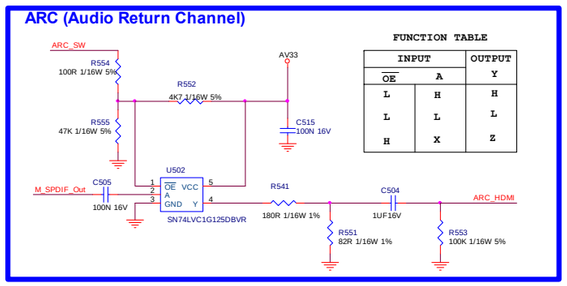


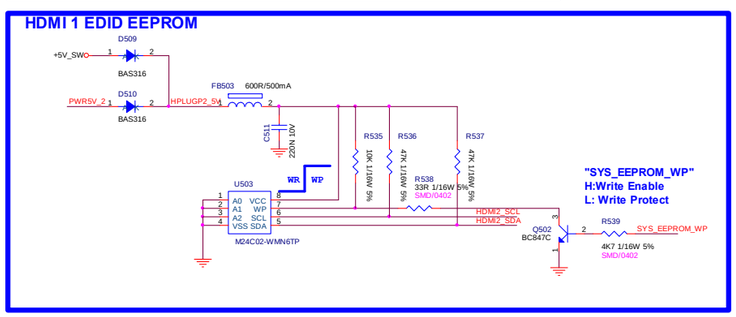


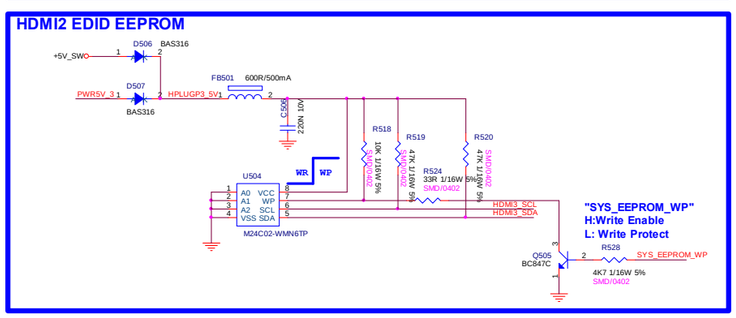


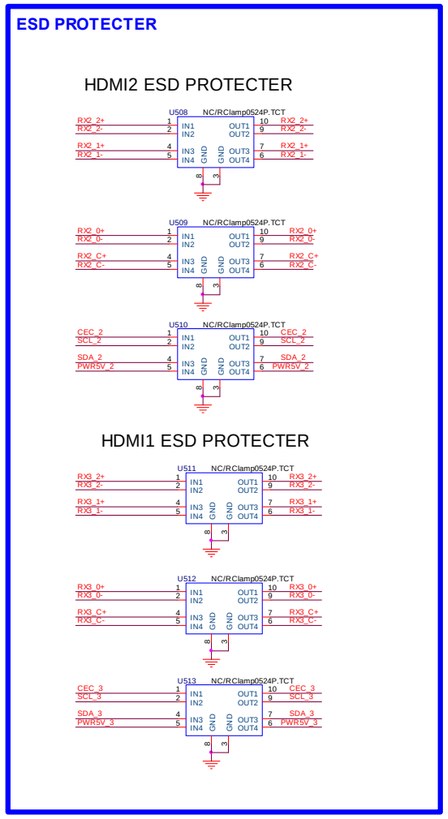




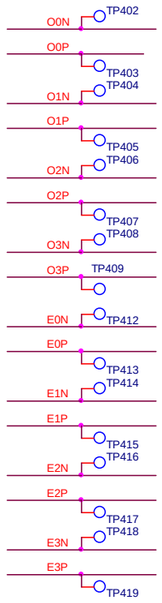


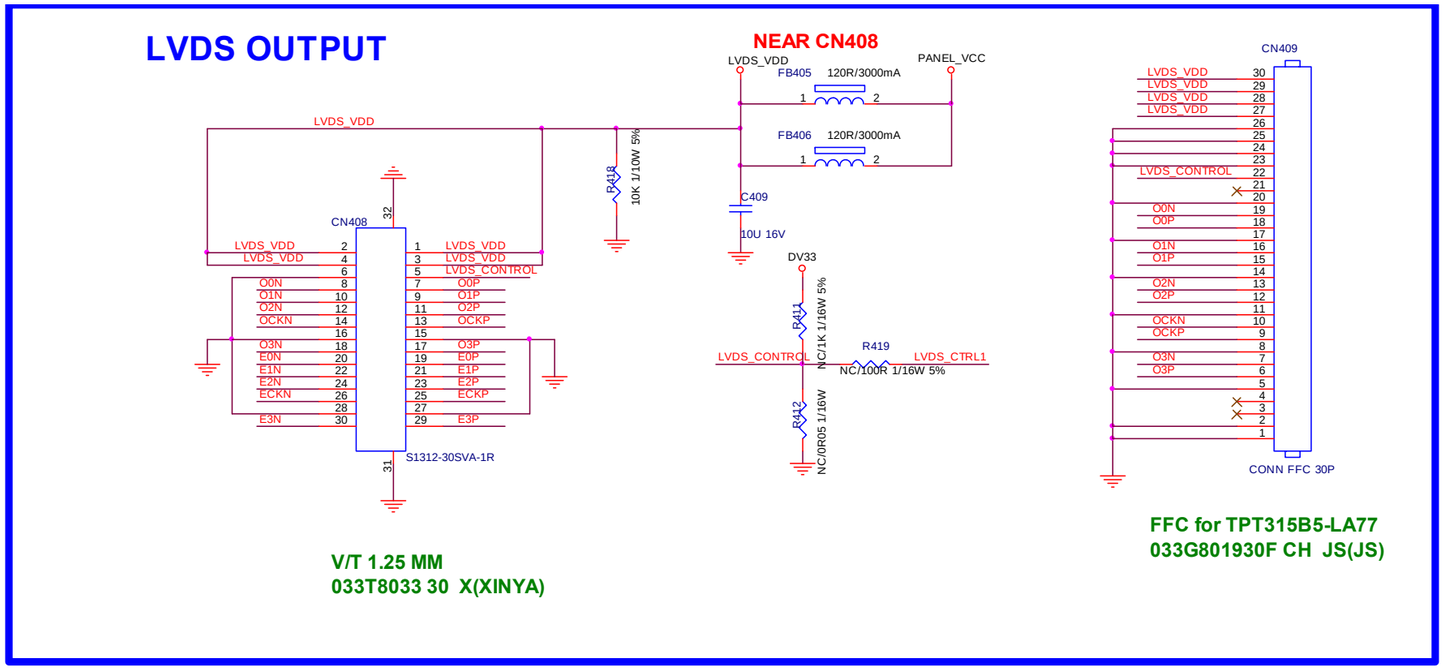


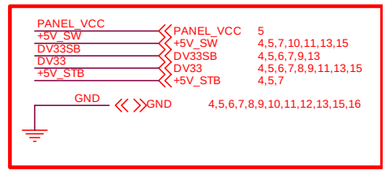


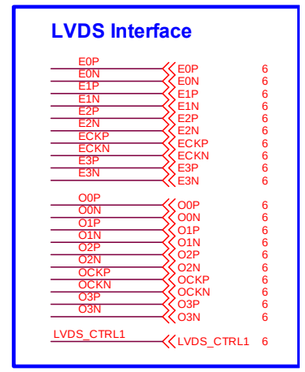


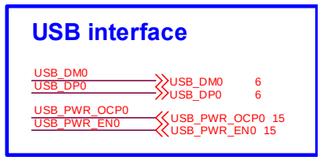
11. LVDS OUTPUT/USB



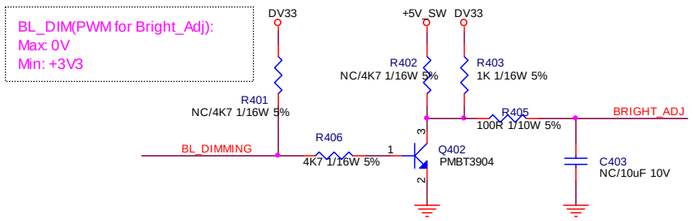






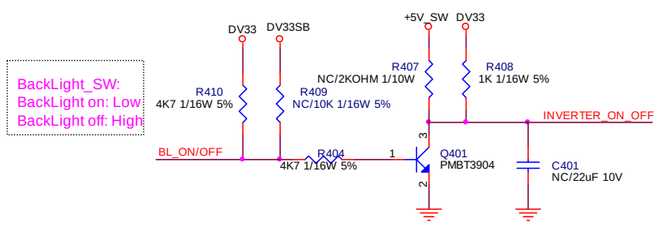


Backlight Brightness Control

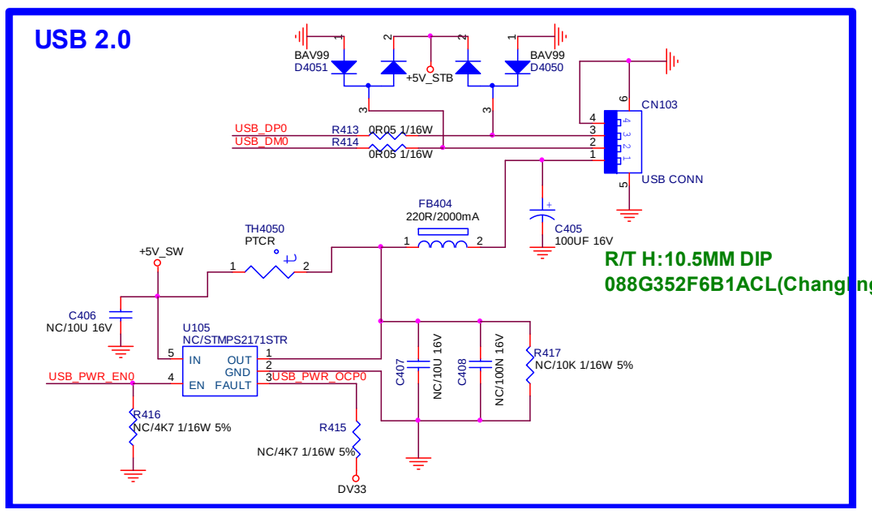


BL CONTROL	R405	R403	C403
PWM CONTROL	100R	1K	N/C
DC CONTROL	5K6	1K	10U

Backlight ON/OFF Control

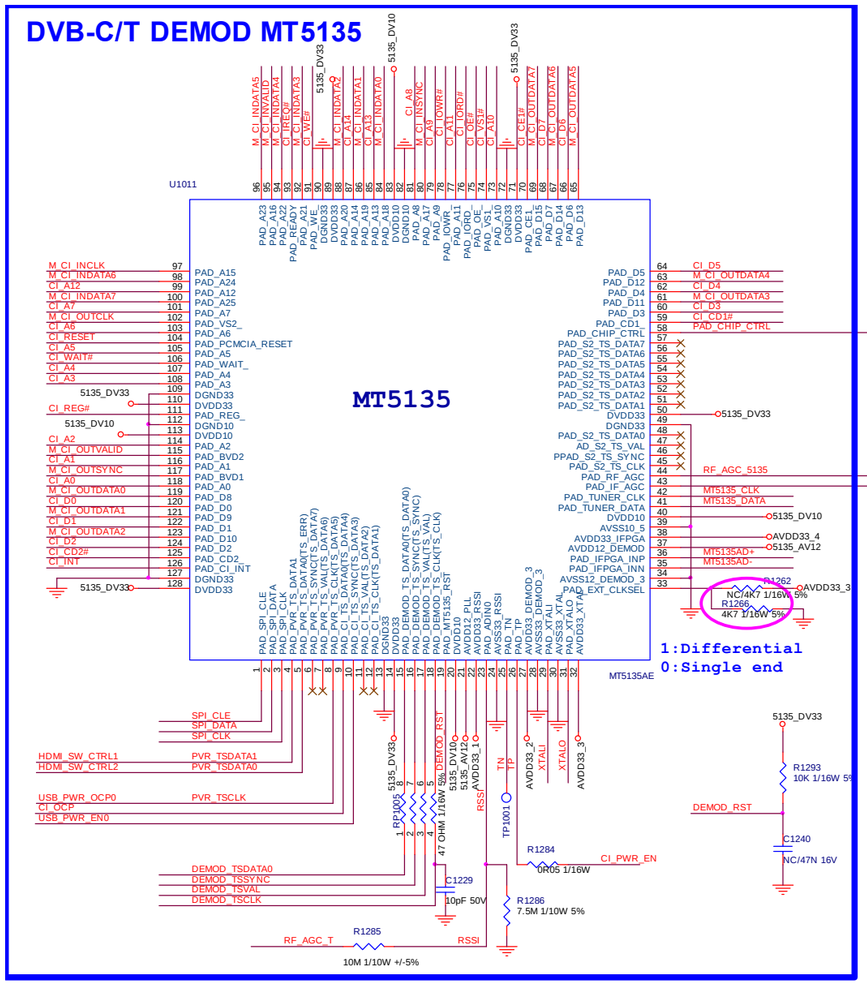


INVERTER ON/OFF	R407	R408
3V3	N/C	1K
5V	2K	N/C

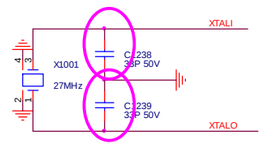


12. DVB-C+T_DEMOD MT5135 / CI

DVB-C/T DEMOD MT5135

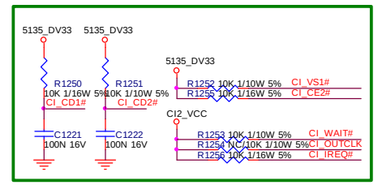


X'TAL for MT5135

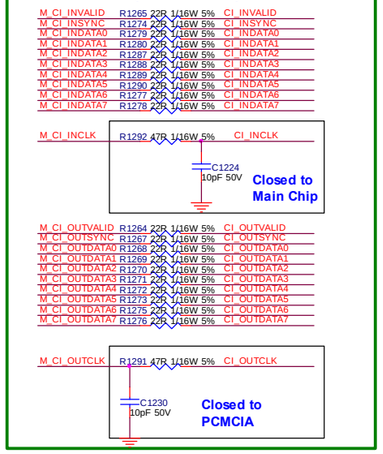


	R1285	R1286
Panasonic Tuner	10M	7.5M
LG Tuner	470K	330K

CI interface

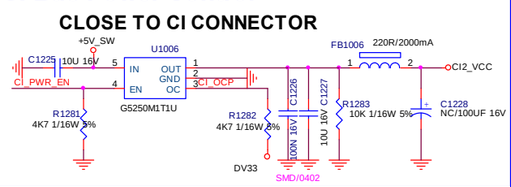


Function 1 (Internal CI) CI Interface

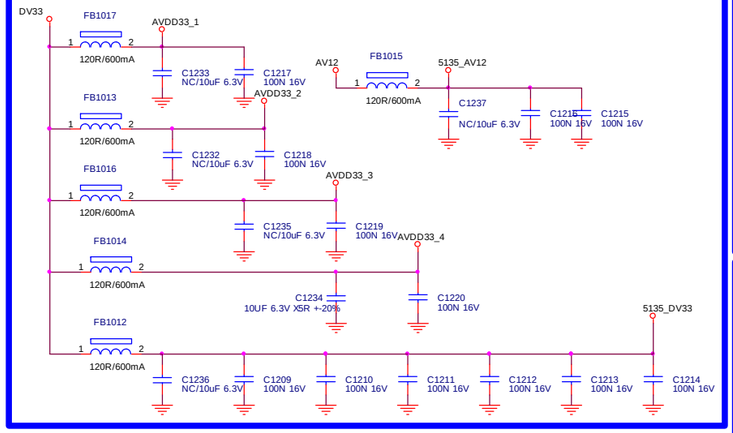

M_CI_INVALID R1265 22R 1/16W 5% CI_INVALID
M_CI_INSYNC R1274 22R 1/16W 5% CI_INSYNC
M_CI_INDATA0 R1279 22R 1/16W 5% CI_INDATA0
M_CI_INDATA1 R1280 22R 1/16W 5% CI_INDATA1
M_CI_INDATA2 R1287 22R 1/16W 5% CI_INDATA2
M_CI_INDATA3 R1288 22R 1/16W 5% CI_INDATA3
M_CI_INDATA4 R1289 22R 1/16W 5% CI_INDATA4
M_CI_INDATA5 R1290 22R 1/16W 5% CI_INDATA5
M_CI_INDATA6 R1277 22R 1/16W 5% CI_INDATA6
M_CI_INDATA7 R1278 22R 1/16W 5% CI_INDATA7
M_CI_INCLK R1292 47R 1/16W 5% CI_INCLK
C1224 10pF 50V
Closed to Main Chip
M_CI_OUTVALID R1264 22R 1/16W 5% CI_OUTVALID
M_CI_OUTSYNC R1267 22R 1/16W 5% CI_OUTSYNC
M_CI_OUTDATA0 R1268 22R 1/16W 5% CI_OUTDATA0
M_CI_OUTDATA1 R1269 22R 1/16W 5% CI_OUTDATA1
M_CI_OUTDATA2 R1270 22R 1/16W 5% CI_OUTDATA2
M_CI_OUTDATA3 R1271 22R 1/16W 5% CI_OUTDATA3
M_CI_OUTDATA4 R1272 22R 1/16W 5% CI_OUTDATA4
M_CI_OUTDATA5 R1273 22R 1/16W 5% CI_OUTDATA5
M_CI_OUTDATA6 R1275 22R 1/16W 5% CI_OUTDATA6
M_CI_OUTDATA7 R1276 22R 1/16W 5% CI_OUTDATA7
M_CI_OUTCLK R1291 47R 1/16W 5% CI_OUTCLK
C1230 10pF 50V
Closed to PCMCIA

CI Bus Power Control

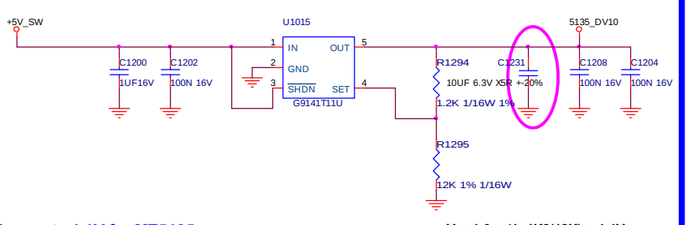
CLOSE TO CI CONNECTOR



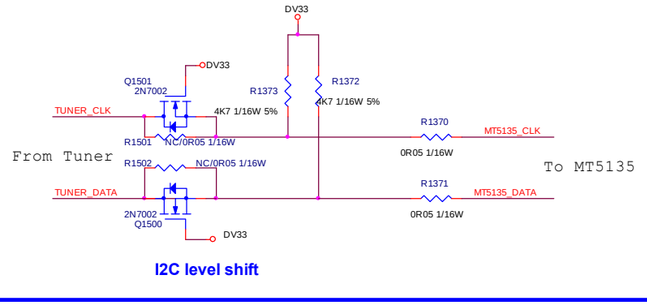
DV33 & AV12 for MT5135



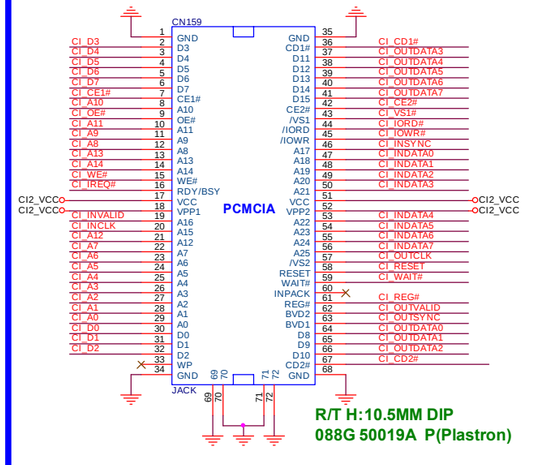
DV10 for MT5135

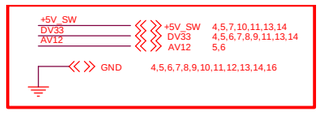


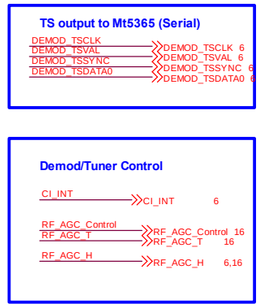
I2C from Tuner



PCMCIA 5V Slot

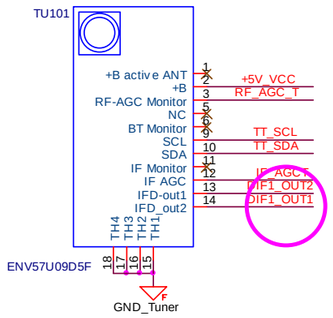


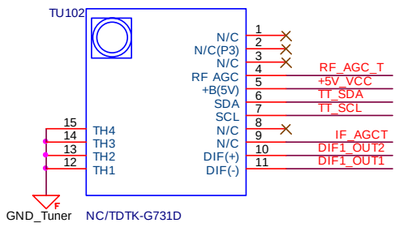




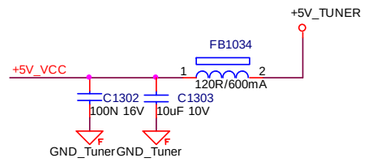
13. DVB-T+C TUNER

TUNER

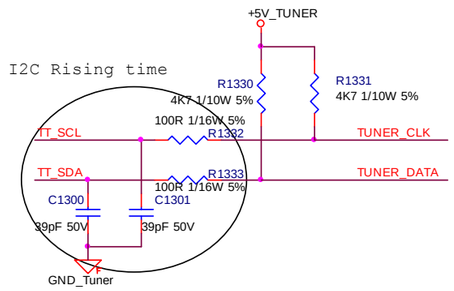


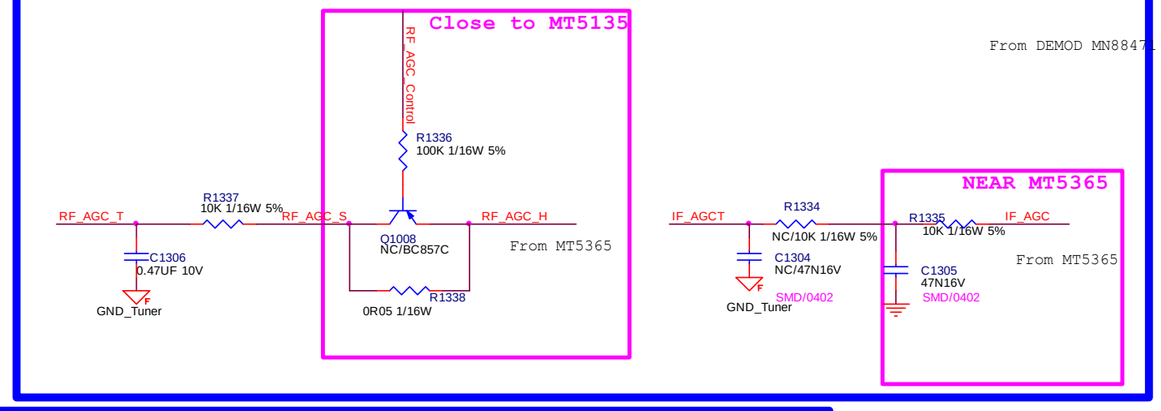


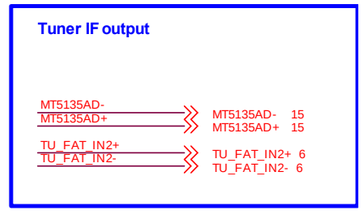
+5V for Tuner

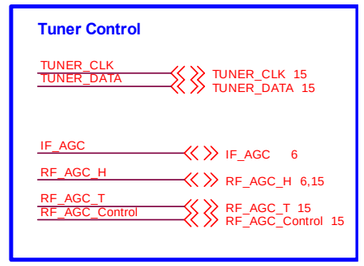


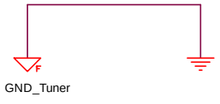
I2C for Tuner



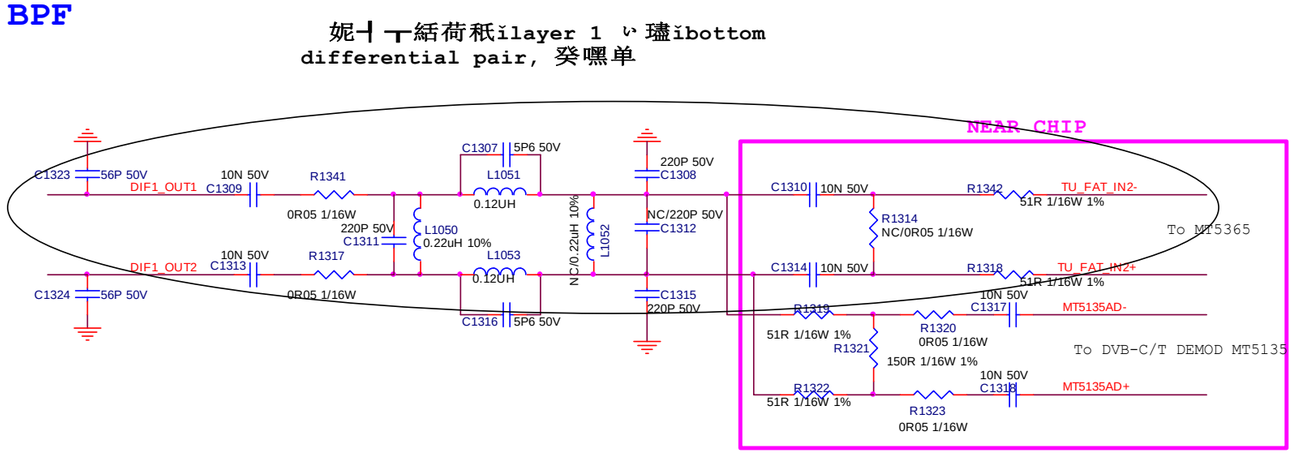








BPF

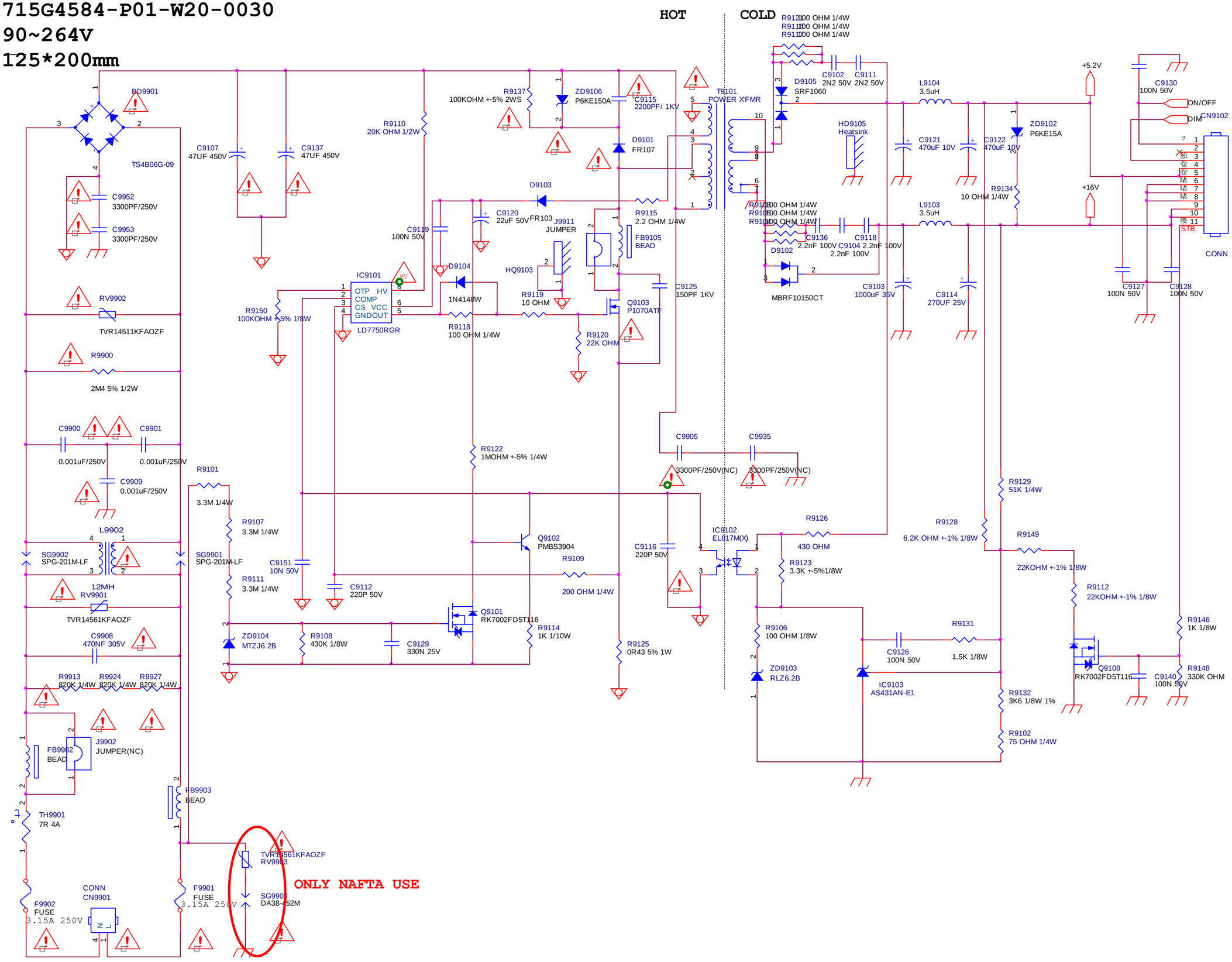


	R1318	R1342	R1321	C1306	Q1008	R1338
Panasonic Tuner	51R	51R	150R	470N	NC	0R
LG Tuner	180R	180R	75R	47N	BC857C	NC

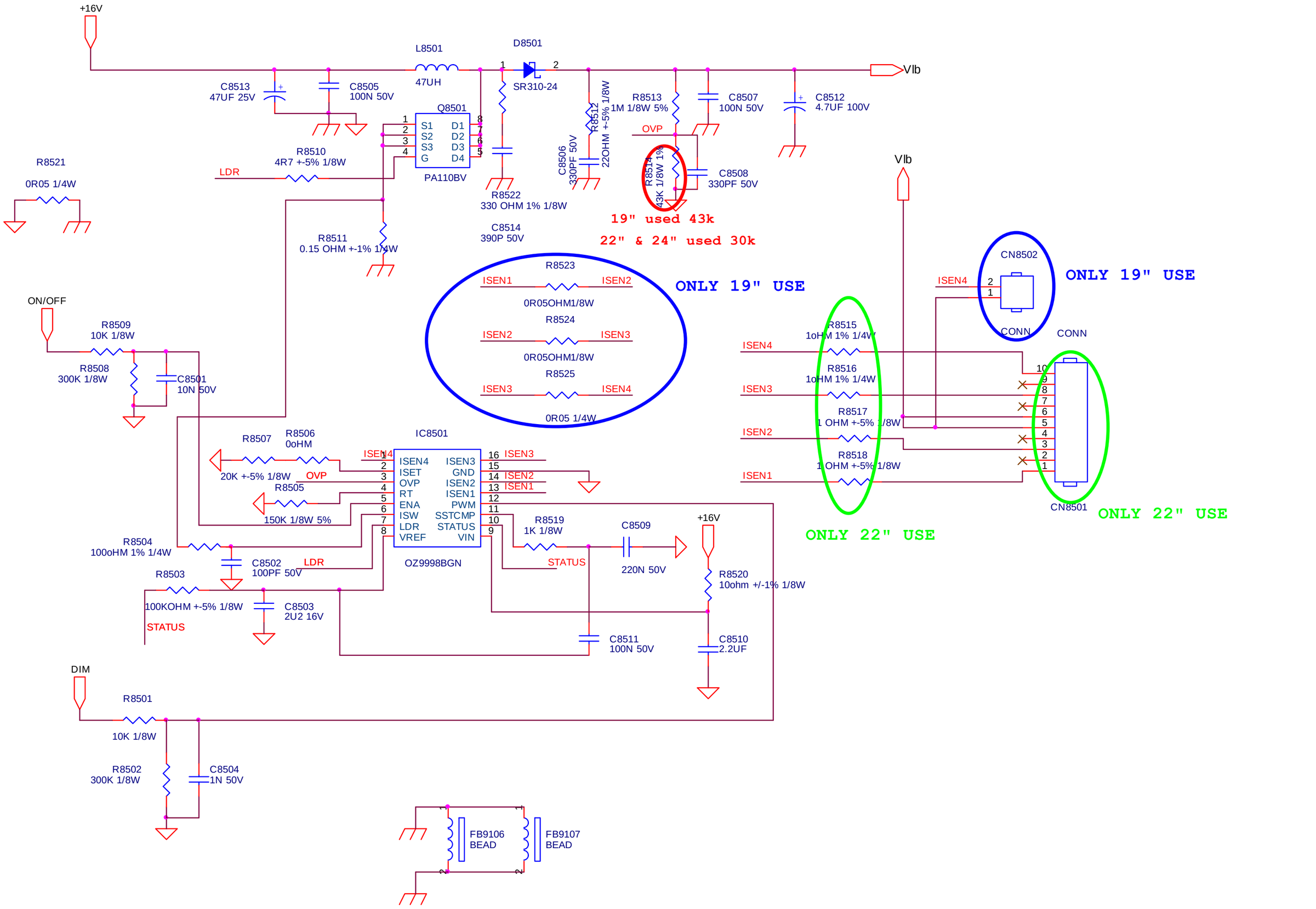
[2] POWER SCHEMATIC DIAGRAM (for 19″ and 22″)

1. POWER

715G4584-P01-W20-0030
90~264v
125*200mm



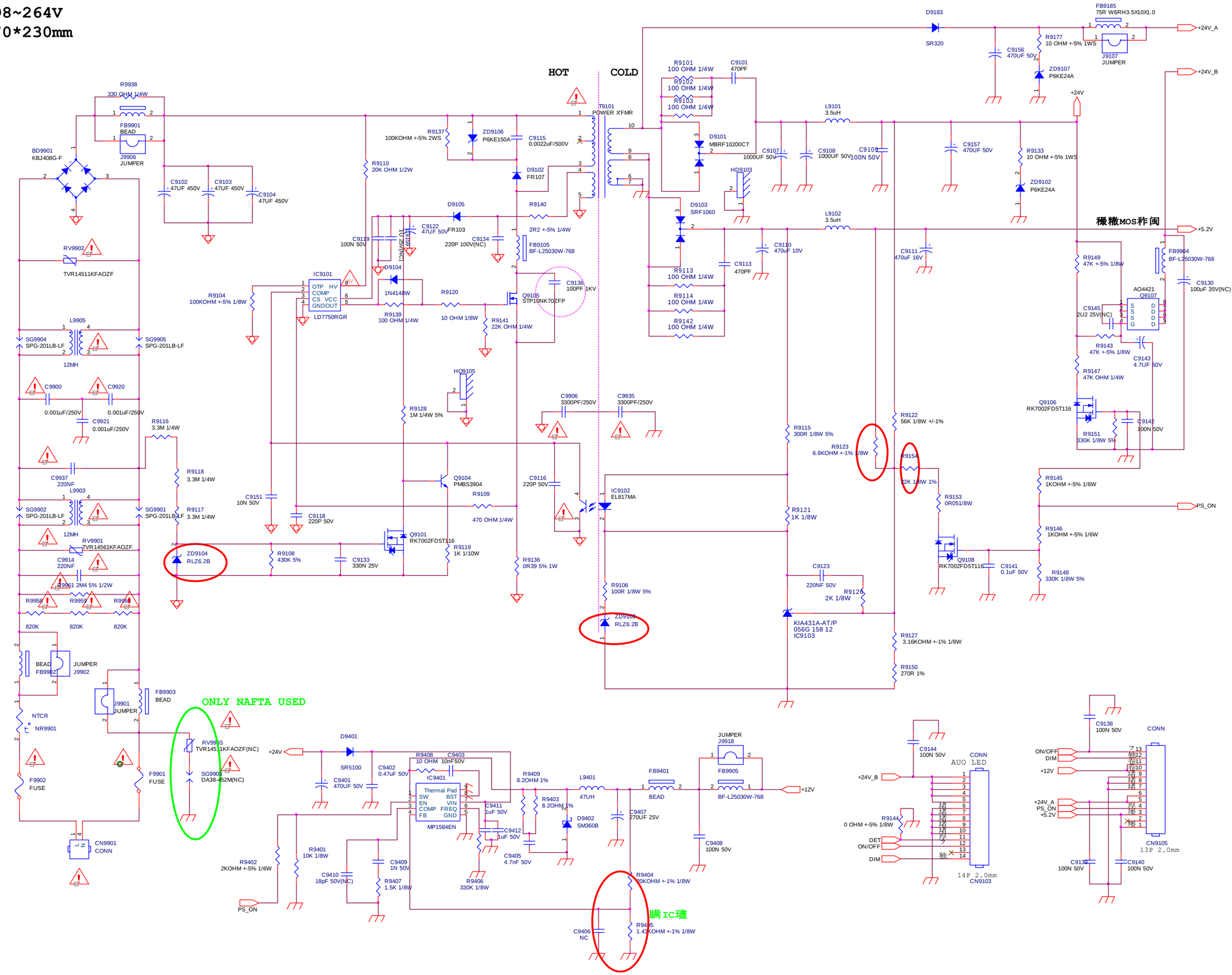
2. LED DRIVER


+16V
L8501
47UH
D8501
SR310-24
Vlb
C8513
47UF 25V
C8505
100N 50V
Q8501
S1
S2
S3
G
D1
D2
D3
D4
PA110BV
R8510
4R7 +-5% 1/8W
LDR
R8521
0R05 1/4W
R8522
330 OHM 1% 1/8W
C8506
330PF 50V
R8512
22OHM +-5% 1/8W
R8513
1M 1/8W 5%
C8507
100N 50V
C8512
4.7UF 100V
OVP
R8514
43K 1/8W 1%
C8508
330PF 50V
19" used 43k
22" & 24" used 30k
C8514
390P 50V
R8511
0.15 OHM +-1% 1/4W
ON/OFF
R8509
10K 1/8W
R8508
300K 1/8W
C8501
10N 50V
R8523
ISEN1
ISEN2
0R05OHM1/8W
R8524
ISEN2
ISEN3
0R05OHM1/8W
R8525
ISEN3
ISEN4
0R05 1/4W
ONLY 19" USE
CN8502
CONN
ISEN4
R8515
1oHM 1% 1/4W
R8516
1oHM 1% 1/4W
R8517
1 OHM +-5% 1/8W
R8518
1 OHM +-5% 1/8W
ISEN3
ISEN2
ISEN1
CONN
CN8501
ONLY 22" USE
R8507
R8506
0oHM
20K +-5% 1/8W
OVP
R8505
150K 1/8W 5%
IC8501
ISEN4
ISET
OVP
RT
ENA
ISW
LDR
VREF
ISEN3
GND
ISEN2
ISEN1
PWM
SSTCMP
STATUS
VIN
OZ9998BGN
R8504
100oHM 1% 1/4W
C8502
100PF 50V
LDR
R8503
100KOHM +-5% 1/8W
C8503
2U2 16V
STATUS
R8519
1K 1/8W
C8509
220N 50V
+16V
R8520
10ohm +/-1% 1/8W
C8511
100N 50V
C8510
2.2UF
DIM
R8501
10K 1/8W
R8502
300K 1/8W
C8504
1N 50V
FB9106
BEAD
FB9107
BEAD

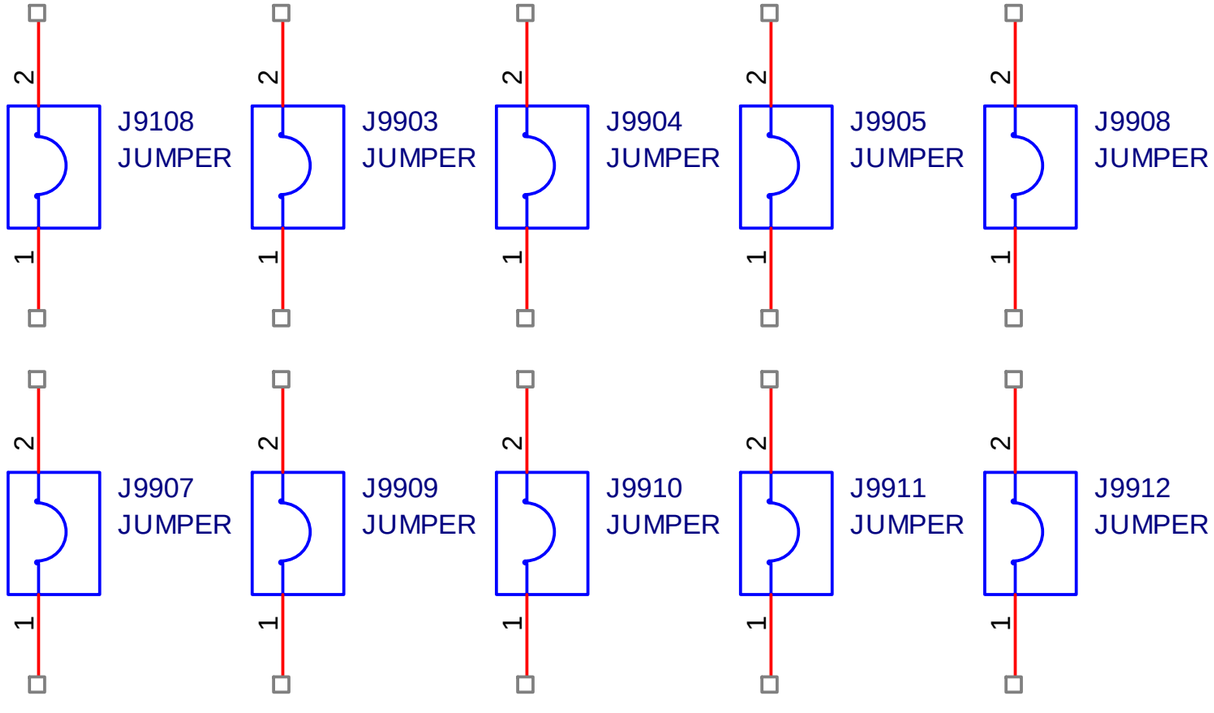
POWER SCHEMATIC DIAGRAM (for 26")

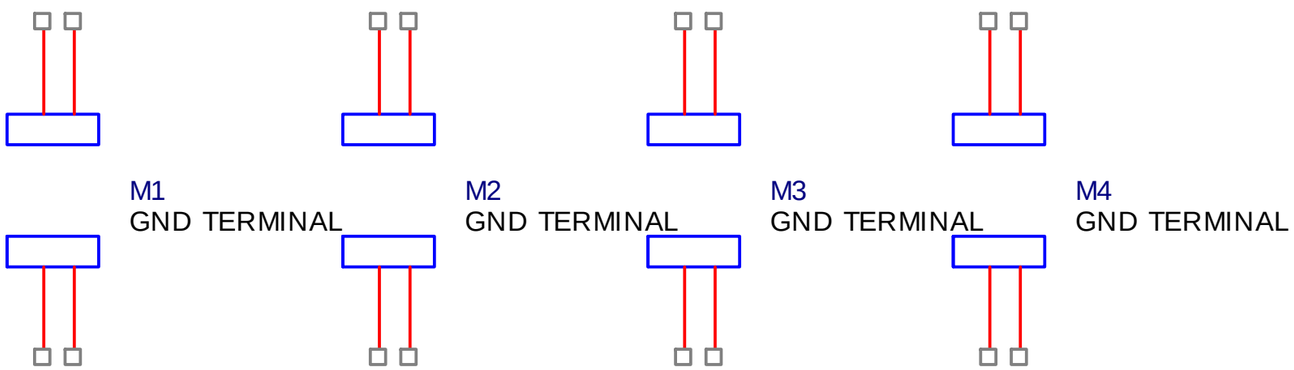
1. POWER

715G4623-P1A-W30-0030
198~264V
170*230mm



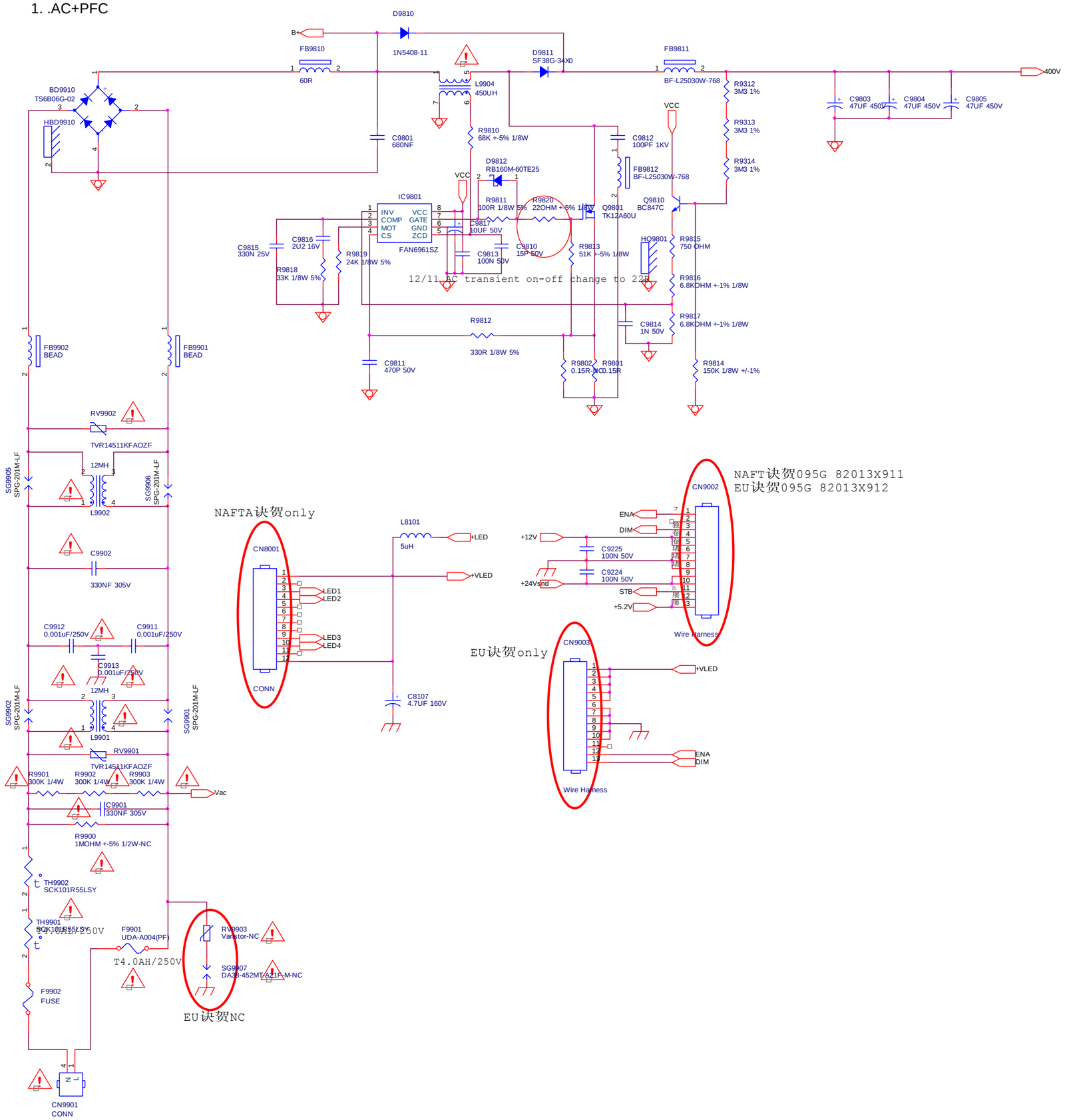
2. jump wire


2
1
J9108
JUMPER
J9903
JUMPER
J9904
JUMPER
J9905
JUMPER
J9908
JUMPER
J9907
JUMPER
J9909
JUMPER
J9910
JUMPER
J9911
JUMPER
J9912
JUMPER
J9913
JUMPER
J9914
JUMPER
J9915
JUMPER
J9916
JUMPER

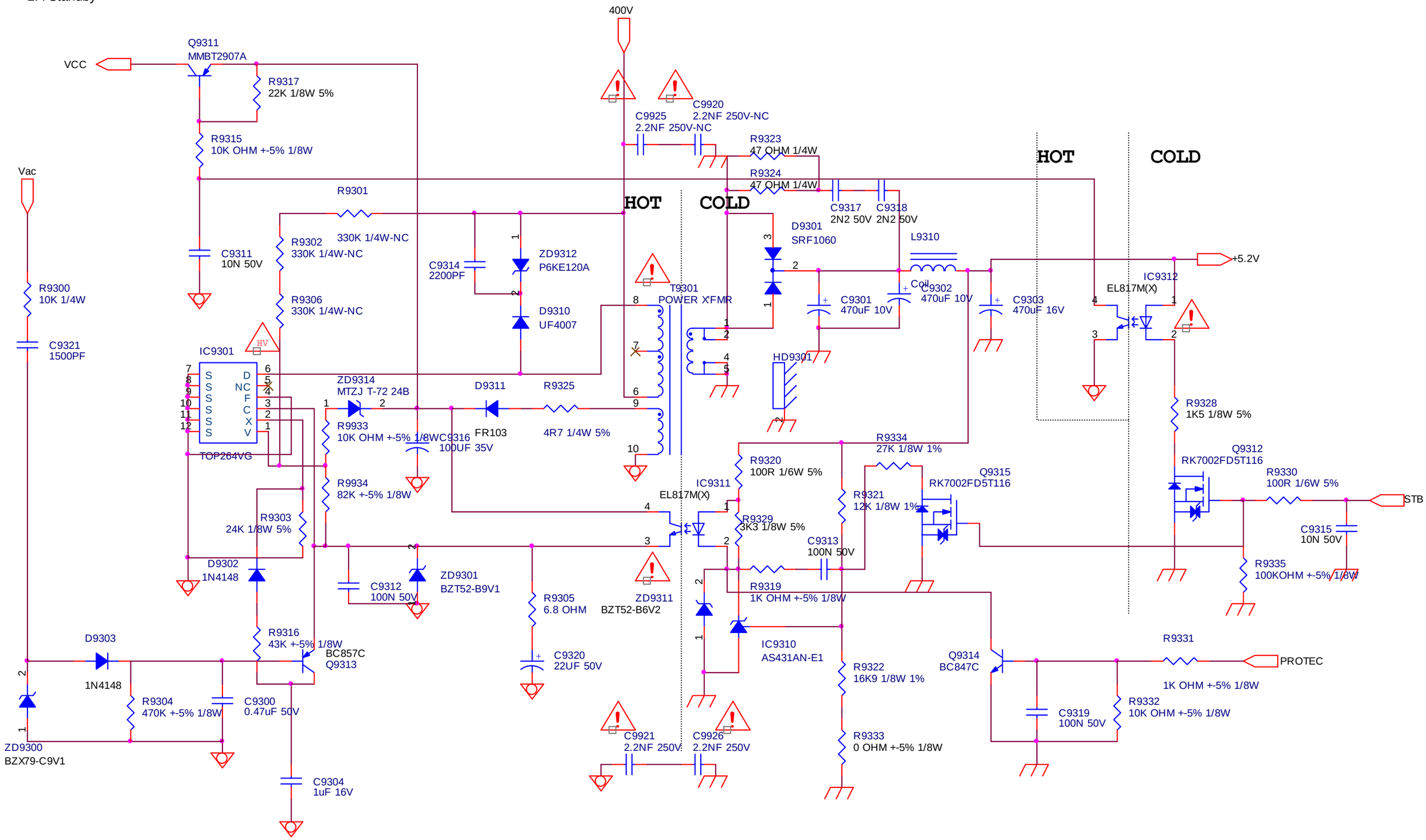

M1
GND TERMINAL
M2
GND TERMINAL
M3
GND TERMINAL
M4
GND TERMINAL

POWER SCHEMATIC DIAGRAM (for 32″)

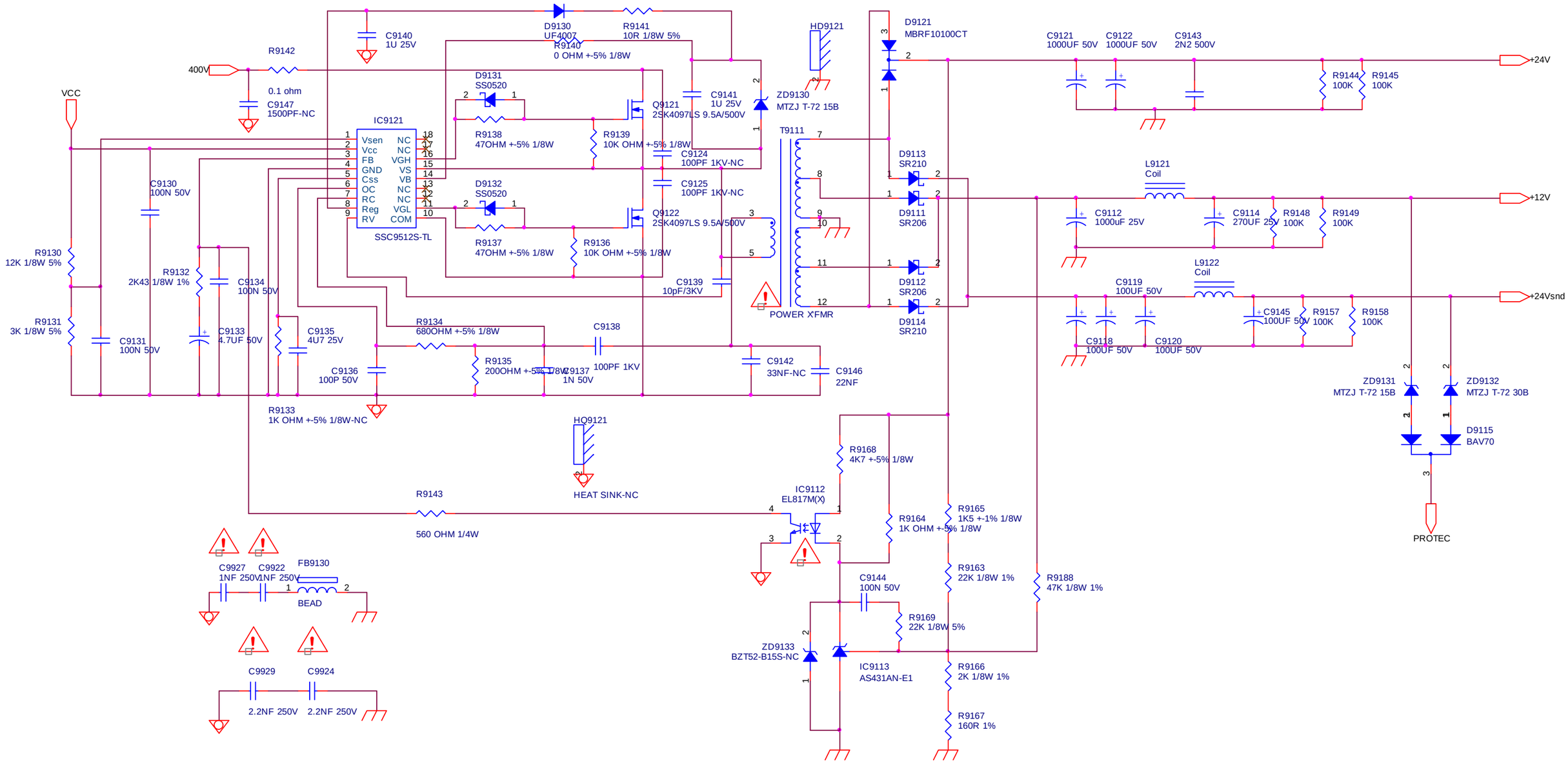
1. .AC+PFC



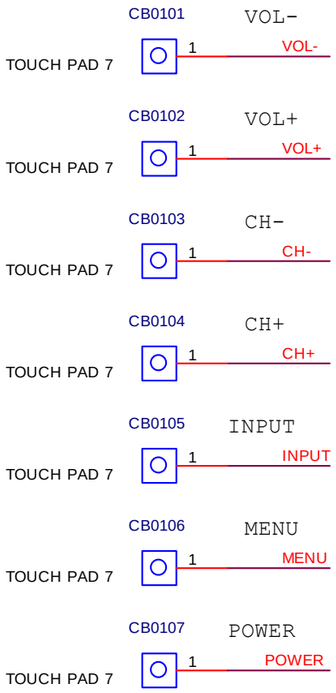
2. . Standby

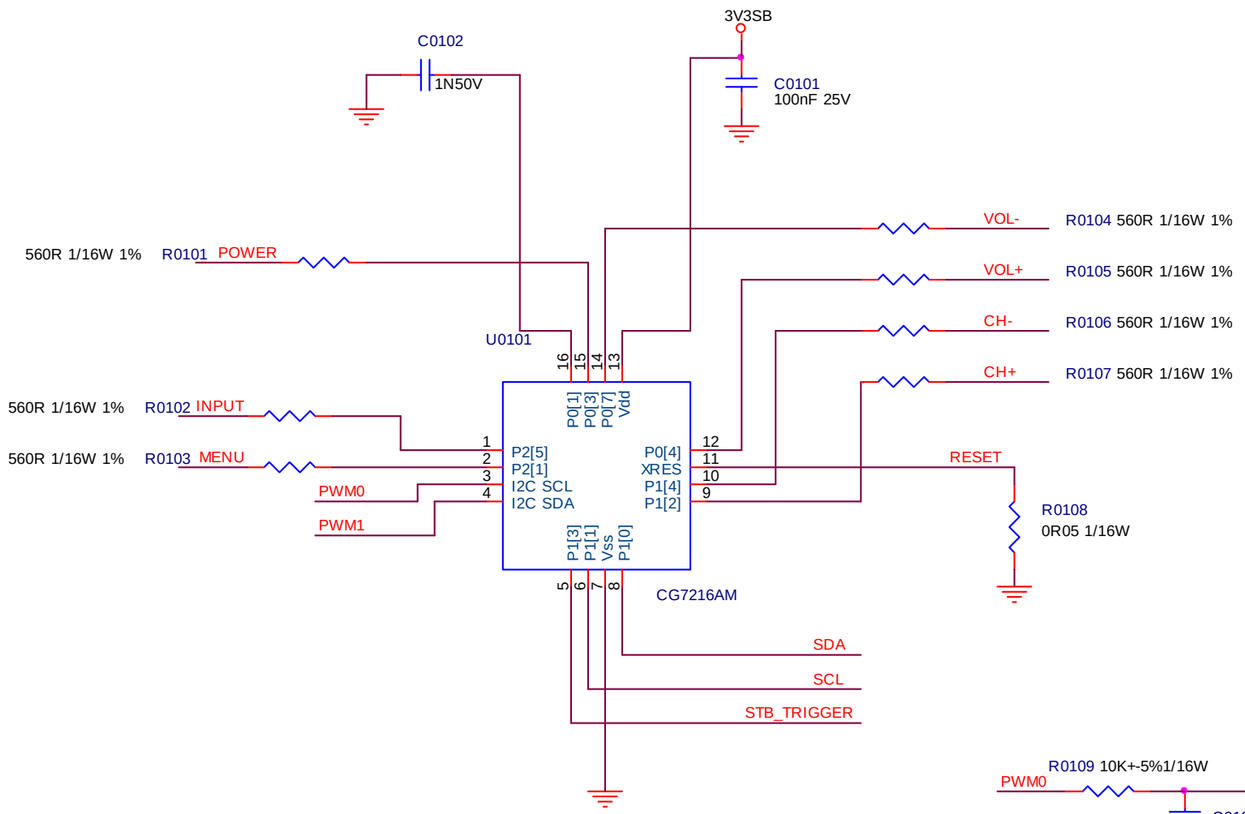

400V
VCC
Q9311
MMBT2907A
R9317
22K 1/8W 5%
R9315
10K OHM +-5% 1/8W
C9925
2.2NF 250V-NC
C9920
2.2NF 250V-NC
R9323
47 OHM 1/4W
R9324
47 OHM 1/4W
HOT
COLD
Vac
R9301
330K 1/4W-NC
R9302
330K 1/4W-NC
R9306
330K 1/4W-NC
C9311
10N 50V
C9314
2200PF
ZD9312
P6KE120A
D9310
UF4007
C9317
2N2 50V
C9318
2N2 50V
D9301
SRF1060
L9310
Coil
C9301
470uF 10V
C9302
470uF 10V
C9303
470uF 16V
+5.2V
IC9312
EL817M(X)
R9300
10K 1/4W
C9321
1500PF
IC9301
HV
TOP264VG
T9301
POWER XFMR
HD9301
ZD9314
MTZJ T-72 24B
D9311
FR103
R9325
4R7 1/4W 5%
R9933
10K OHM +-5% 1/8W
C9316
100UF 35V
R9934
82K +-5% 1/8W
R9328
1K5 1/8W 5%
Q9312
RK7002FD5T116
R9330
100R 1/6W 5%
STB
C9315
10N 50V
R9335
100KOHM +-5% 1/8W
R9334
27K 1/8W 1%
R9320
100R 1/6W 5%
IC9311
EL817M(X)
Q9315
RK7002FD5T116
R9321
12K 1/8W 1%
R9329
3K3 1/8W 5%
C9313
100N 50V
R9303
24K 1/8W 5%
D9302
1N4148
C9312
100N 50V
ZD9301
BZT52-B9V1
R9305
6.8 OHM
ZD9311
BZT52-B6V2
R9319
1K OHM +-5% 1/8W
IC9310
AS431AN-E1
R9331
PROTEC
1K OHM +-5% 1/8W
R9316
43K +-5% 1/8W
BC857C
Q9313
D9303
1N4148
R9322
16K9 1/8W 1%
Q9314
BC847C
C9319
100N 50V
R9332
10K OHM +-5% 1/8W
R9304
470K +-5% 1/8W
C9300
0.47uF 50V
ZD9300
BZX79-C9V1
C9921
2.2NF 250V
C9926
2.2NF 250V
R9333
0 OHM +-5% 1/8W
C9304
1uF 16V

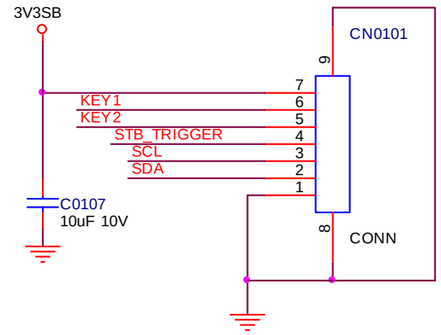
3. . Main power


VCC
400V
R9142
0.1 ohm
C9147
1500PF-NC
C9140
1U 25V
D9130
UF4007
R9141
10R 1/8W 5%
R9140
0 OHM +-5% 1/8W
D9131
SS0520
R9138
47OHM +-5% 1/8W
R9139
10K OHM +-5% 1/8W
Q9121
2SK4097LS 9.5A/500V
C9141
1U 25V
ZD9130
MTZJ T-72 15B
HD9121
IC9121
Vsen
Vcc
FB
GND
Css
OC
RC
Reg
RV
NC
VGH
VS
VB
COM
SSC9512S-TL
C9124
100PF 1KV-NC
C9125
100PF 1KV-NC
D9132
SS0520
R9137
47OHM +-5% 1/8W
R9136
10K OHM +-5% 1/8W
Q9122
2SK4097LS 9.5A/500V
C9139
10pF/3KV
T9111
POWER XFMR
D9121
MBRF10100CT
D9113
SR210
D9111
SR206
D9112
SR206
D9114
SR210
C9121
1000UF 50V
C9122
1000UF 50V
C9143
2N2 500V
R9144
100K
R9145
100K
+24V
L9121
Coil
C9112
1000uF 25V
C9114
270UF 25V
R9148
100K
R9149
100K
+12V
L9122
Coil
C9119
100UF 50V
C9118
100UF 50V
C9120
100UF 50V
C9145
100UF 50V
R9157
100K
R9158
100K
+24Vsnd
ZD9131
MTZJ T-72 15B
ZD9132
MTZJ T-72 30B
D9115
BAV70
PROTEC
C9130
100N 50V
R9130
12K 1/8W 5%
R9131
3K 1/8W 5%
C9131
100N 50V
R9132
2K43 1/8W 1%
C9134
100N 50V
C9133
4.7UF 50V
C9135
4U7 25V
C9136
100P 50V
R9134
680OHM +-5% 1/8W
R9135
200OHM +-5% 1/8W
C9137
1N 50V
C9138
100PF 1KV
C9142
33NF-NC
C9146
22NF
R9133
1K OHM +-5% 1/8W-NC
HQ9121
HEAT SINK-NC
R9143
560 OHM 1/4W
IC9112
EL817M(X)
R9168
4K7 +-5% 1/8W
R9164
1K OHM +-5% 1/8W
R9165
1K5 +-1% 1/8W
R9163
22K 1/8W 1%
R9188
47K 1/8W 1%
C9144
100N 50V
R9169
22K 1/8W 5%
ZD9133
BZT52-B15S-NC
IC9113
AS431AN-E1
R9166
2K 1/8W 1%
R9167
160R 1%
C9927
1NF 250V
C9922
1NF 250V
FB9130
BEAD
C9929
2.2NF 250V
C9924
2.2NF 250V

[3] KEY SCHEMATIC DIAGRAM







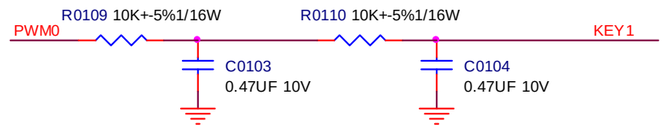
STB_TRIGGER:

Sleeping mode : Low

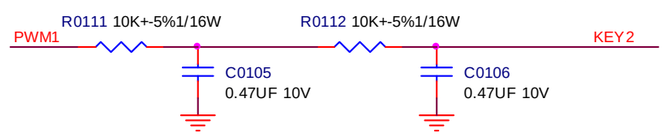
Normal mode: High

Sleeping	Normal

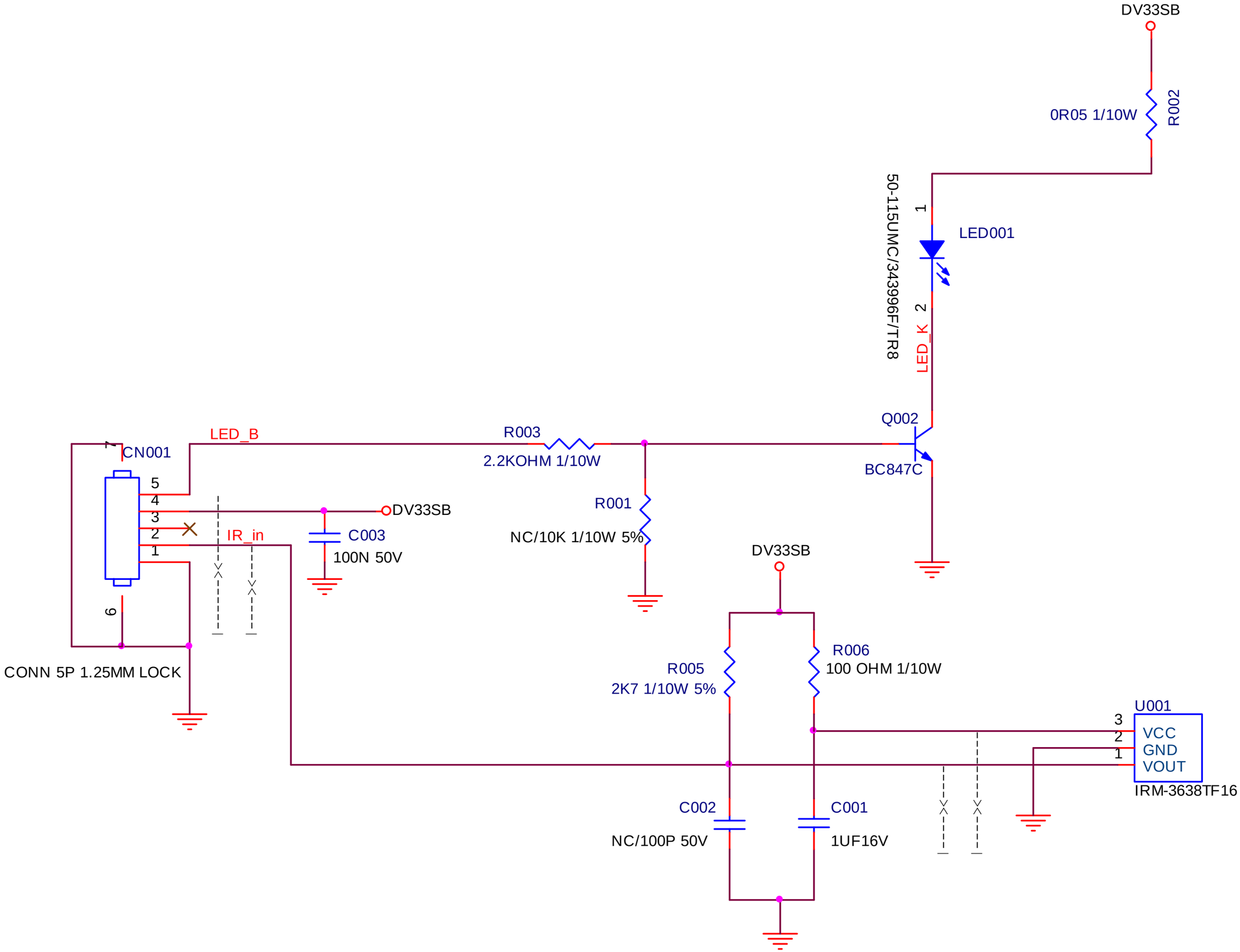
(For CH+/ CH- /VOL+ /VOL-)



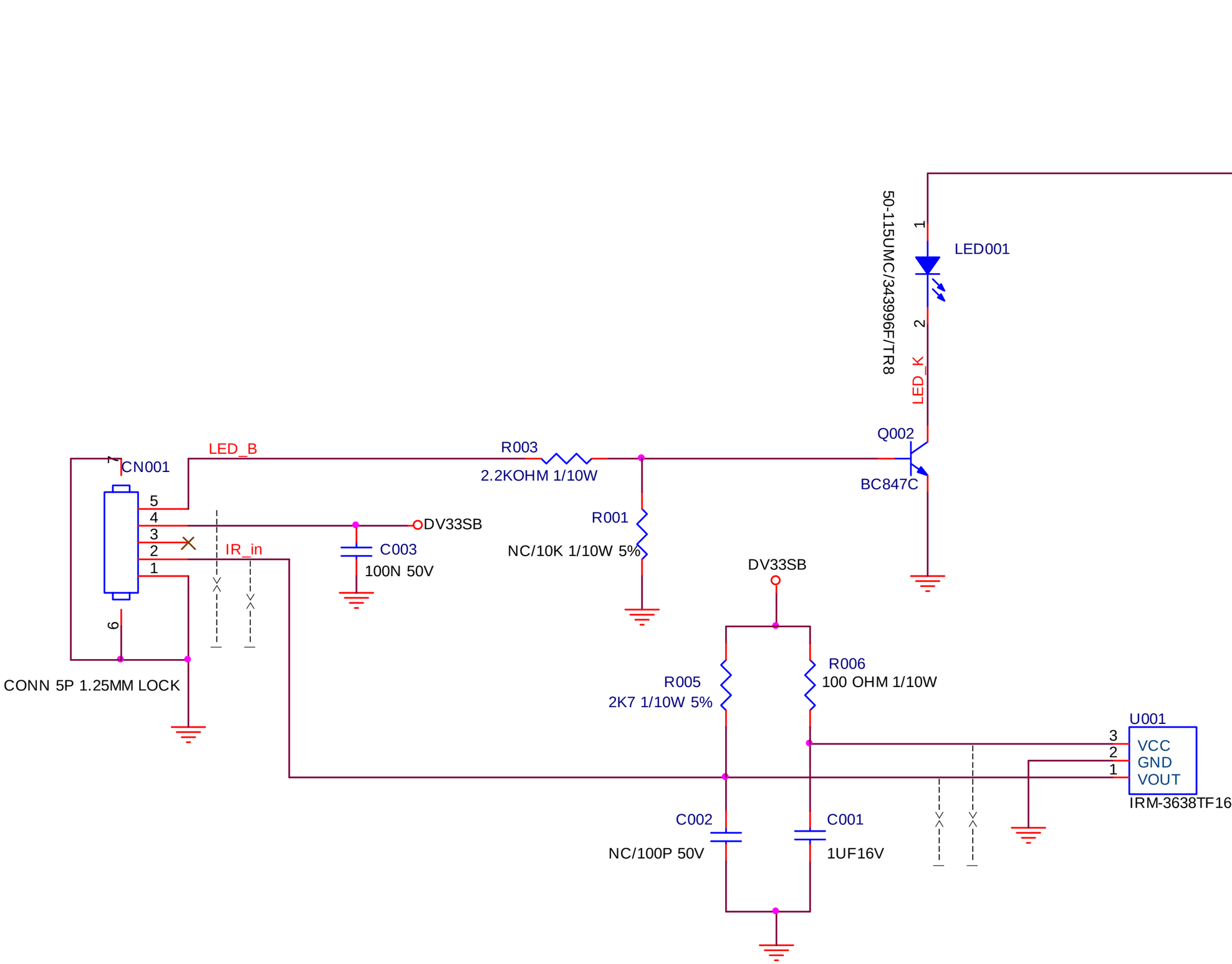
(For POWER/ MENU/ INPUT)



[4] IR SCHEMATIC DIAGRAM(for 19″, 22″ and 26″)



IR SCHEMATIC DIAGRAM(for 32″)



CN001	B1
CN002	B4
C001	D4
C002	D3
C003	C2
Q002	B4
R002	A4
R003	B3
R005	C3
R006	C4
R007	B3
U001	C4

CHAPTER 9. PARTS GUIDE

[1] SPARE PARTS LIST

Model: LC-19LE430E(AUO)(E19BA2NBAKXPNNS)				
Item	**TPV Code Number**	**SHARP 13NC**	**Description**	**Quantity**
30	705TZASK711	9JR7050000445	BEZEL ASSY	1
40	705TZASK712	9JR7050000446	REAR COVER ASSY	1
50	705TZA34611	9JR7050000443	BASE ASSY	1
80	705TZB15005	9JR7050000481	BRACKET _Side_IO ASSY	1
95	705TZA34612	9JR7050000444	COVER _NECK ASSY	1
98	Z52G1801151	9JR5200000031	INSULATING PLATE _Power	1
99	Z52G1801161	9JR5200000032	INSULATING PLATE _Scaler	1
100	0Q1T 330 8120	9JR0100000078	SCREW 3x8	7
101	0Q1G 330 5106	9JR0100000058	SCREW	4
102	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	12
103	0M1T 340 10120 GP	9JR0100000068	SCREW 4 x10	4
104	0M1T 330 6120	9JR0100000056	SCREW M3*6x6	1
126	Z40G 32084332A	9JR4000000261	RATING LABEL	1
130	G40GN000673 7A	9JR4000000290	CARTON LABEL	1
135	705TZA41C1D	9JR7050000509	DFU ASSY(Western Europe)(North Europe)	1
136	705TZA41C2B	9JR7050000510	DFU ASSY(Eastern Europe)	1
450	P44G9023843 1B	9JR4400000143	CARTON	1
451	P44G9023101	9JR4400000121	CUSHION EPS _TOP	1
452	P44G9023201	9JR4400000122	CUSHION EPS _BTM	1
453	P45G 46026	9JR4500000010	PE BAG(560X450-0.72mm)	1
504	P40TD000813 9A	9JR4000000005	family sheet	1
505	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TBU185X1D4HN000	9JR7500000054	LCD M185XW01 VDS0 WH AUO	1
1054	ADTVB4060PA2	9JR9900000153	POWER PCB ASSY	1
1056	IRPFBAA1	9JR9900000148	IR PCB ASSY	1
1057	KEPFBAA1	9JR9900000150	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420	1
1185	078G035A 18 M	9JR7800000041	SPEAKER 16 OHM 3.5W 80X23 220/180	1
1185	078G035A 18 Y	9JR7800000042	SPEAKER 16 OHM 3.5W 80X23 180/220	0
8402	095G801413D978	9JR9500000206	HARNESS 13P-7P+5P 420mm+180mm	1
8402	095G801413X978	9JR9500000211	HARNESS 13P-7P+5P 420mm+180mm	0
8408	095G801830D930	9JR9500000212	HARNESS 30P-30P 50mm FQE102032I	1
8408	095G801830X930	9JR9500000215	HARNESS 30P-30P 50mm LVDSXTF0254	0
89901	095G8021 4X 10	9JR9500000227	HARNESS AC INLET-4P 40mm S-POWERTW8941	1
89901	095G8021 4D 10	9JR9500000225	HARNESS AC INLET-4P 40mm FQE102130I	0
89901	095G8021 4F 10	9JR9500000226	HARNESS AC INLET-4P 40mm 75901	0
	705GZ9SK120	9JR7050000352	Handle ASSY	1
1053	CBPFB4OBP3	9JR9900000164	MAIN PCB Assy with TUNER(Panasonic tuner)	1
1053	CBPFB4OBP4	9JR9900000165	MAIN PCB Assy with TUNER(LG tuner)	0
TU101	094GPASEALL17M	9JR9400000013	TUNER ENV57U09D5F EUROP（Panasonic）	1
C1001	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1002	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1003	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1004	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1005	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1006	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1007	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1008	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1009	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1010	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1011	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1012	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1013	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1014	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1016	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1019	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1021	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1022	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1

C1024	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1151	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1152	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1153	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1154	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1155	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1156	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1157	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1158	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1159	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1161	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1162	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1164	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1165	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1166	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1167	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1168	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1169	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1170	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1171	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1172	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1173	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1174	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1177	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1178	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1179	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1180	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1181	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1183	065G060333031J A	9JR6500000403	CAP 0603 33PF 50V NPO	1
C1184	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1185	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C1186	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1189	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C1200	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1208	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1210	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1211	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1212	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1213	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1214	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1215	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1216	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1217	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1218	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1219	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1220	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1221	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1222	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1224	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1225	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1226	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1227	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1229	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1230	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1231	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1234	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1238	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1239	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1300	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1

C1301	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1302	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1303	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C1305	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1306	065G0402474A5K Y	9JR6500000490	CAP CHIP 0402 0.47UF K 10V X5R	1
C1307	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1308	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1309	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1310	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1311	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1313	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1314	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1315	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1316	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1317	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1318	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1323	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C1324	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C405	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C409	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4103	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4104	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4150	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4151	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4152	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4153	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4155	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4158	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4159	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4161	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4162	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4165	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4168	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4169	067G 3113311CT	9JR6700000242	EC SMD 330UF 20% 6.3V 6.3*7.7	1
C4170	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4171	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4172	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4173	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C4174	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4175	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4176	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4177	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4178	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4179	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4180	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4181	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4183	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4184	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4185	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4186	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4188	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4189	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4190	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4191	067G 3112213CT	9JR6700000214	EC SMD 220UF 16V HV 6.3*7.7	1
C4192	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4193	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4194	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4195	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4196	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4197	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4198	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4199	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4200	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4201	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4203	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4204	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4205	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4206	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4207	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4208	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4251	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4253	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4254	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4255	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1
C4256	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4257	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4259	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C4260	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4261	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4262	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C501	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C502	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C511	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C512	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C602	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C603	065G080547515K A	9JR6500000502	CAP 0805 4.7UF 10% 16V X5R	1
C604	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C605	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C606	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C607	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C608	067G311C4704CT	9JR6700000244	EC SMD 47UF 20% 25V JV 6.3*7.7	1
C609	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C610	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C611	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C612	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C613	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C614	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C615	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C616	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C617	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C618	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C619	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C620	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1

C621	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C622	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C623	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C624	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C625	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1
C626	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C628	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C650	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C651	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C652	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C653	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C654	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C655	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C656	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C657	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C658	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C659	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C660	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C661	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C662	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C663	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C664	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C665	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C666	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C667	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C668	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C669	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C670	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C672	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C673	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C674	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C675	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C676	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C677	065G0805475A2K 3	9JR6500000207	CAP CHIP 4.7UF 10V X7R +/- 10%	1
C678	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C679	065G060322232K A	9JR6500000471	CAP 0603 2.2NF K 50V X7R	1
C680	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C681	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C682	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C683	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C684	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C685	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C687	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C689	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C690	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C691	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C692	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C693	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C694	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C695	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C697	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C698	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C699	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C700	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C701	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C702	067G215H471 2C	9JR6700000243	EC 470UF 20% 10V SY 8*9	1
C703	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C705	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C706	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C707	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C708	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C709	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C710	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C711	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C712	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1

C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C718	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C719	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C720	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C725	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C726	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C727	065G060310522K T	9JR6500000399	CAP CHIP 0603 1uF K 25V X7R	1
C728	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C729	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C730	067G311R2213CT	9JR6700000246	EC SMD 220UF 20% 16V ZV 6.3*7.7	1
C731	065G080522605M A	9JR6500000501	CAP 0805 22UF 20% 6.3V X5R	1
C732	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C733	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C734	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C735	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C736	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C752	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C753	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C754	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C757	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C758	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C759	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C760	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C761	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C762	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C769	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
CN101	088G353FFF1XCH	9JR8800000130	D-SUB CONN SCREWED 15P BLUE -	1
CN102	088G302F3G1VCL	9JR8800000127	PHONE JACK V/T 3P GREEN H=8.4	1
CN103	088G352F6B1AYG	9JR8800000129	USB CONN A TYPE R/A 6P BLACK H=8.4	1
CN111	088G 78F135XCL	9JR8800000134	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	1
CN116	088G 78F121XYG	9JR8800000132	RCA JACK V/T 4P W/R 1*2 H=8.6	1
CN117	088G 78F111VYG	9JR8800000124	RCA JACK V/T 2P BLACK 1*1 H=8.6	1
CN136	088G 78G131ACL	9JR8800000135	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	1
CN151	088G355FLB1VYG	9JR8800000138	SCART CONN V/T 21P BLACK H=8.6	1
CN152	088G 78F131XCL	9JR8800000133	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	1
CN159	088G 50019A VA	9JR8800000105	PCMICA CARD R/A 68P BLACK H=9.4	1
CN402	033G380213B YH L	9JR3300000084	WAFER 2.0MM 13P	1
CN404	088G353F9M1XCH	9JR8800000136	D-SUB CONN SCREWED 9P BLACK -	1
CN408	033T8033 30 X	9JR3300000086	CON. V 2*15P M 1.25 SM S1312-30SVA-1R	1
CN502	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN506	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN601	311GW250B04ABX	9JR3110000007	WAFER 2.5mm 4P W2415-04RVA-S01-A	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 7PIN	1
CN701	311GW250B13ABX	9JR3110000008	WAFER 2.5mm 13P W2415-13RVA-S01-A	1
D1054	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1055	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1056	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1057	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1058	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1059	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1060	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1061	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1062	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1063	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1064	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1065	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1066	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1150	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1151	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1152	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1153	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1

D1154	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1155	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1156	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1157	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1158	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1159	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1160	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1161	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1162	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1163	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1164	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1165	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D4050	093G 6433S	9JR9300000062	switching diode BAV99	1
D4051	093G 6433S	9JR9300000062	switching diode BAV99	1
D4151	093G 6433S	9JR9300000062	switching diode BAV99	1
D4152	093G 6433S	9JR9300000062	switching diode BAV99	1
D4155	093G 6433S	9JR9300000062	switching diode BAV99	1
D502	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D506	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D507	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D508	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D509	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D510	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D511	093G 60505	9JR9300000134	DIO SIG SM BAT54C(PHSE)R	1
D601	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D604	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D605	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D606	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
FB1006	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB1012	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1013	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1014	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1015	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1016	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1017	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1034	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1052	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1053	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1054	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1151	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1152	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1153	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1154	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1155	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1156	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1157	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1158	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1159	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1160	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB404	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB405	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB406	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB606	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB607	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB608	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB705	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB706	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB707	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB708	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1

FB751	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
L1001	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1002	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1050	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1051	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1
L1053	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1
L601	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L602	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L603	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L604	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L701	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
L702	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
Q105	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q106	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1151	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1152	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1157	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1500	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1501	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q401	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q402	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q502	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q503	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q504	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q505	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q506	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q601	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q602	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q603	057G 420519 T	9JR5700000044	BC857C	1
Q650	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q651	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q652	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q653	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q701	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q702	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q703	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q704	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q705	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q751	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q752	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
R1001	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1002	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1003	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1004	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1005	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1009	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1010	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1011	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1012	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1013	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1014	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1015	061G0402513 JI	9JR6100001227	RST 0402 51K 5% 1/16W	1
R1016	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1017	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1018	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1019	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1020	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1022	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1023	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1024	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1027	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1028	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1029	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1

R1030	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1031	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1032	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1033	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1151	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1152	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1153	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1154	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1155	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1156	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1157	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1158	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1159	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1161	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1163	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1164	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1165	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1166	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1167	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1168	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1169	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1170	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1171	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1172	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1173	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1176	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1178	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1181	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1182	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1184	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1
R1185	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R1186	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1187	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1188	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1189	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1190	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1191	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1192	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1193	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1194	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1195	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1196	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1197	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1198	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1199	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1200	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1201	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1202	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1203	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1204	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1205	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1209	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1211	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1212	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1213	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1214	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1250	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1251	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1252	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1253	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1255	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1256	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1

R1258	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1260	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1264	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1265	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1266	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1267	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1268	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1269	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1270	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1271	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1272	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1273	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1274	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1275	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1276	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1277	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1278	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1279	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1280	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1281	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1282	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1283	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1284	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1285	061G0603106 JI	9JR6100001233	RST CHIP R 10M 1/10W 5% TA-I	1
R1286	061G0603755 JI	9JR6100001240	RST 0603 7.5M 5% 1/10W TA-I	1
R1287	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1288	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1289	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1290	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1291	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1292	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1293	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1294	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1
R1295	061G04021202FI	9JR6100001200	TEST ONLY RST 0402 12K 1% 1/16W TA-I	1
R1317	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1318	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1319	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1320	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1321	061G04021500FI	9JR6100001202	TEST ONLY RST CHIP 150R 1/16W 1% TA-I	1
R1322	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1323	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1330	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1331	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1332	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1333	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1335	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1336	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R1337	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1338	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1341	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1342	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1370	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1371	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1372	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1373	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R403	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R404	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R405	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R406	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R410	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4101	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4102	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4103	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4104	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4105	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4106	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1

R4107	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4108	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1
R4110	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4111	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4112	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4113	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R413	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R414	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4150	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4151	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R4152	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4153	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4154	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4155	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4156	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4157	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4158	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4159	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4160	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4161	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4162	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4163	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4164	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4165	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4166	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4167	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4168	061G04025600FI	9JR6100000842	TEST ONLY RST 0402 560R 1% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4171	061G04025101FI	9JR6100001223	TEST ONLY RST 0402 5.1K 1% 1/16W TA-I	1
R4172	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4173	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4176	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4177	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4178	061G04021301FI	9JR6100001201	TEST ONLY RST 0402 1.3K 1% 1/16W TA-I	1
R4179	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R418	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4181	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4183	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4201	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R4202	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4203	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4204	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4205	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4207	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4208	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4212	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4213	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4214	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R4215	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4216	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4217	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4218	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4219	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4220	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4221	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4222	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4223	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4224	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4225	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4226	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4227	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4229	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1

R4230	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4231	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1
R4232	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4233	061G04026801FT	9JR6100001230	RST CHIPR 6K8 +-1% 1/16W TZAI YUAN	1
R4237	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4239	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4241	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4242	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4243	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4244	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4245	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4247	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R501	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R502	061G0402273 JI	9JR6100001212	RST 0402 27K 5% 1/16W	1
R504	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R525	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R534	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R535	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R536	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R537	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R538	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R541	061G04021800FT	9JR6100001206	RST CHIP 180R 1/16W 1% TZAI YUAN	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G04024021FI	9JR6100001217	RST 0402 4.02K 1% 1/16W	1
R547	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R548	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R551	061G04028209FT	9JR6100001232	RST 0402 82R 1% 1/16W	1
R552	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R553	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R554	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R555	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R564	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R571	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R572	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R573	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R574	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R575	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R576	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R577	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R601	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R602	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R604	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R605	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R607	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R610	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1
R611	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1
R612	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1
R613	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1

R614	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R616	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R617	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R618	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R619	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R620	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R621	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R622	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R626	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R627	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R628	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R631	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R635	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R637	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R640	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R642	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R643	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R644	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R646	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R647	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R650	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R652	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R653	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R654	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R655	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R656	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R657	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R661	061G04021822FY	9JR6100001208	RST CHIP 18.2K 1/16W 1% YAGEO	1
R662	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R663	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R665	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R666	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R667	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R668	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R669	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R670	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R671	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R672	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R673	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R674	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R675	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R676	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R679	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R688	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R689	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R691	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R692	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R702	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R703	061G0402272 JI	9JR6100001211	RST 0402 2.7K 5% 1/16W	1
R704	061G0402333 JI	9JR6100001216	RST 0402 33K 5% 1/16W	1
R705	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R706	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R712	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R716	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R718	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R719	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R720	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R721	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R722	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R723	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R725	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R726	061G06032709FT	9JR6100001236	RST CHIP 27R 1/10W 1%	1

R727	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R729	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R730	061G04021003FI	9JR6100001198	RST CHIP 100K 1/16W 1% TA-I	1
R731	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R732	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R734	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R736	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R737	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R751	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R752	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R753	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R755	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R756	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R757	061G0603109 JI	9JR6100001234	RST 0603 1R 5% 1/10W	1
R758	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R759	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R760	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R761	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R764	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R766	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
RP1005	061G 1264708JY	9JR6100001197	RST CHIP 47R 1/16W 8P4R 5%	1
RP4102	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4103	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4104	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4105	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4106	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
U1006	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U1011	056G 575 23	9JR5600000223	DEMODULATOR MT5135AE/A LQFP-128	1
U1015	056G 563156	9JR5600000219	IC G9141T11U SOT23-5	1
U110	056G1133956	9JR5600000066	IC CAT24C02WI-GT3 SO-8	1
U401	056G 562417	9JR5600000218	SCALER MT5366CAOU LQFP-256	1
U402	056G 615134	9JR5600000225	DRAM K4B1G1646E-HCH9 1Gb FBGA-96	1
U4051	705TPB56010	9JR7050000437	NAND Flash Assy (U4051)	1
U4053	056G 587 16	9JR5600000213	TRANSCEIVER MAX3232ECUE TSSOP-16	1
U409	705TPB56008	9JR7050000435	Serial IIC EEPROM Assy (U409) (AUO-Panas	1
U410	056G 643 46	9JR5600000200	IC Reset AZ809ANSTR-E1 SOT-23 2.93V	1
U4150	056G 7SB157 F	9JR5600000167	IC NC7SB3157P6X MAA06A SC-70 FAIRCHIL	1
U501	056G 634902	9JR5600000228	Others TMDS251PAGR TQFP64	1
U502	056G74LS 10	9JR5600000231	Logic SN74LVC1G125DBVR SOT-23	1
U503	056G1133956	9JR5600000066	IC CAT24C02WI-GT3 SO-8	1
U504	056G1133956	9JR5600000066	IC CAT24C02WI-GT3 SO-8	1
U601	056G 616520	9JR5600000227	IC DAC WM8524GEDT/R TSSOP-16 WOLFSON	1
U602	056G 616106	9JR5600000226	AUDIO TAS5717L 10W HTQFP-48	1
U603	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U604	056G 133507	9JR5600000170	LDO AS78L12RTR-G1 0.1A 12V SOT-89	1
U605	056G 665110	9JR5600000230	Multiplexer CD4052BPWR TSSOP-16	1
U701	056G 563289	9JR5600000220	DC/DC TPS54319RTER QFN-16	1
U702	056G 563289	9JR5600000220	DC/DC TPS54319RTER QFN-16	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U704	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563149	9JR5600000172	IC G903T63UF 0.6A/3.3V SOT-223	1
U755	056G 563519	9JR5600000222	IC G965-25ADJPIUF 1.8A SOP-8	1
X1001	093G 22S921 C	9JR9300000125	CRYSTAL 27MHz 20P SMD-5.0x3.2	1
X4150	093G 22S920 C	9JR9300000184	CRYSTAL 27MHz 27M 30ppm 20PF	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1069	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1070	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1071	093G 39GA28 T	9JR9300000116	RLZ13B	1
ZD1072	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1164	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

Model: LC-22LE430E(AUO)(E22BA2NBAKXPNNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
30	705TZA34609	9JR7050000441	BEZEL ASSY	1
40	705TZA34610	9JR7050000442	REAR COVER ASSY	1
50	705TZA34611	9JR7050000443	BASE ASSY	1
80	705TZA15022	9JR7050000440	BRACKET _IO ASSY	1
84	0Q1T 330 8120	9JR0100000078	SCREW 3x8	12
95	705TZA34612	9JR7050000444	COVER _NECK ASSY	1
102	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	9
103	0M1T 340 10120 GP	9JR0100000068	SCREW 4 x10	4
104	0M1T 330 6120	9JR0100000056	SCREW M3*6x6	1
126	Z40G 32084332A	9JR4000000261	RATING LABEL	1
130	G40GN000673 7A	9JR4000000290	CARTON LABEL	1
135	705TZA41C1D	9JR7050000509	DFU ASSY(Western Europe)(North Europe)	1
136	705TZA41C2B	9JR7050000510	DFU ASSY(Eastern Europe)	1
451	P44GC008101	9JR4400000132	CUSHION EPS _TOP	1
452	P44GC008201	9JR4400000133	CUSHION EPS _BTM	1
453	P45G 46026	9JR4500000010	PE BAG(560X450-0.72mm)	1
504	P40TD000813 9A	9JR4000000005	family sheet	1
520	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
521	P44GC008843 1B	9JR4400000144	CARTON	1
1050	750TBU215H1B5HN000	9JR7500000058	LCD M215HW01 VBSB WH AUO	1
1054	ADTVB4060PA3	9JR9900000154	POWER PCB ASSY	1
1056	IRPFBAA1	9JR9900000148	IR PCB ASSY	1
1057	KEPFBAA1	9JR9900000150	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420	1
1185	078G035A 19 M	9JR7800000044	SPEAKER 16 OHM 3.5W 80X23 240/220	1
1185	078G035A 19 K	9JR7800000043	SPEAKER 16 OHM 3.5W 80X23 240/220	0
1185	078G035A 19 Y	9JR7800000045	SPEAKER 16 OHM 3.5W 80X23 240/220	0
8402	095G801413D979	9JR9500000207	HARNESS 13P-5P+7P 220mm+300mm	1
8402	095G801413F979	9JR9500000209	HARNESS 13P-5P+7P 220mm+300mm	0
8408	095G801830D931	9JR9500000213	HARNESS 30P-30P 70mm FQE102096I	1
8408	095G801830F931	9JR9500000214	HARNESS 30P-30P 70mm 75904	0
89901	095G8021 4D 8	9JR9500000216	HARNESS AC INLET-4P 100mm FQE102098I	1
89901	095G8021 4F 8	9JR9500000217	HARNESS AC INLET-4P 100mm 75875	0
89901	095G8021 4X 8	9JR9500000218	HARNESS AC INLET-4P 100mm S-POWERTW9006	0
	705GZ9SK120	9JR7050000352	Handle ASSY	1
1053	CBPFB4OBP8	9JR9900000166	MAIN PCB ASSY with Tuner(LG TUNER)	1
1053	CBPFB4OBP7	9JR9900000167	MAIN PCB ASSY with Tuner(Panasonic TUNER)	0
TU102	094G DVB T16G	9JR9400000012	TUNER EUROPE TDTK-G731D（LG）	1
C1001	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1002	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1003	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1004	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1005	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1006	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1007	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1008	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1009	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1010	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1011	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1012	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1013	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1014	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1016	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1019	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1021	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1022	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1024	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1151	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1152	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1153	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1154	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1

C1155	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1156	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1157	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1158	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1159	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1161	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1162	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1164	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1165	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1166	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1167	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1168	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1169	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1170	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1171	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1172	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1173	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1174	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1177	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1178	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1179	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1180	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1181	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1183	065G060333031J A	9JR6500000403	CAP 0603 33PF 50V NPO	1
C1184	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1185	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C1186	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1189	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C1200	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1208	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1210	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1211	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1212	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1213	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1214	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1215	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1216	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1217	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1218	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1219	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1220	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1221	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1222	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1224	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1225	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1226	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1227	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1229	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1230	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1231	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1234	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1238	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1239	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1300	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1301	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1302	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1303	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C1305	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1306	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1

C1307	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1308	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1309	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1310	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1311	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1313	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1314	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1315	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1316	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1317	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1318	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1323	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C1324	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C405	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C409	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4103	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4104	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4150	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4151	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4152	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4153	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4155	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4158	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4159	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4161	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4162	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4165	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4168	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4169	067G 3113311CT	9JR6700000242	EC SMD 330UF 20% 6.3V 6.3*7.7	1
C4170	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4171	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4172	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4173	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C4174	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4175	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4176	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4177	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4178	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4179	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4180	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4181	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4183	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4184	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4185	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4186	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4188	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4189	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4190	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4191	067G 3112213CT	9JR6700000214	EC SMD 220UF 16V HV 6.3*7.7	1
C4192	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4193	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4194	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4195	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4196	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4197	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4198	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4199	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4200	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4201	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4203	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4204	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4205	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4206	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4207	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4208	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4251	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4253	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4254	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4255	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1
C4256	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4257	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4259	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C4260	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4261	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4262	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C501	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C502	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C511	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C512	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C602	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C603	065G080547515K A	9JR6500000502	CAP 0805 4.7UF 10% 16V X5R	1
C604	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C605	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C606	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C607	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C608	067G311C4704CT	9JR6700000244	EC SMD 47UF 20% 25V JV 6.3*7.7	1
C609	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C610	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C611	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C612	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C613	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C614	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C615	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C616	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C617	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C618	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C619	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C620	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C621	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C622	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C623	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C624	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C625	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1

C626	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C628	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C650	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C651	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C652	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C653	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C654	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C655	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C656	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C657	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C658	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C659	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C660	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C661	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C662	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C663	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C664	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C665	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C666	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C667	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C668	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C669	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C670	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C672	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C673	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C674	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C675	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C676	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C677	065G0805475A2K 3	9JR6500000207	CAP CHIP 4.7UF 10V X7R +/- 10%	1
C678	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C679	065G060322232K A	9JR6500000471	CAP 0603 2.2NF K 50V X7R	1
C680	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C681	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C682	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C683	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C684	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C685	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C687	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C689	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C690	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C691	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C692	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C693	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C694	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C695	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C697	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C698	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C699	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C700	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C701	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C702	067G215H471 2C	9JR6700000243	EC 470UF 20% 10V SY 8*9	1
C703	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C705	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C706	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C707	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C708	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C709	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C710	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C711	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C712	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C718	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C719	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1

C720	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C725	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C726	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C727	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C728	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C729	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C730	067G311R2213CT	9JR6700000246	EC SMD 220UF 20% 16V ZV 6.3*7.7	1
C731	065G080522605M A	9JR6500000501	CAP 0805 22UF 20% 6.3V X5R	1
C732	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C733	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C734	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C735	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C736	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C752	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C753	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C754	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C757	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C758	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C759	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C760	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C761	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C762	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C769	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
CN101	088G353FFF1XCH	9JR8800000130	D-SUB CONN SCREWED 15P BLUE -	1
CN102	088G302F3G1VCL	9JR8800000127	PHONE JACK V/T 3P GREEN H=8.4	1
CN103	088G352F6B1AYG	9JR8800000129	USB CONN A TYPE R/A 6P BLACK H=8.4	1
CN111	088G 78F135XCL	9JR8800000134	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	1
CN116	088G 78F121XYG	9JR8800000132	RCA JACK V/T 4P W/R 1*2 H=8.6	1
CN117	088G 78F111VYG	9JR8800000124	RCA JACK V/T 2P BLACK 1*1 H=8.6	1
CN136	088G 78G131ACL	9JR8800000135	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	1
CN151	088G355FLB1VYG	9JR8800000138	SCART CONN V/T 21P BLACK H=8.6	1
CN152	088G 78F131XCL	9JR8800000133	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	1
CN159	088G 50019A VA	9JR8800000105	PCMICA CARD R/A 68P BLACK H=9.4	1
CN402	033G380213B YH L	9JR3300000084	WAFER 2.0MM 13P	1
CN404	088G353F9M1XCH	9JR8800000136	D-SUB CONN SCREWED 9P BLACK -	1
CN408	033T8033 30 X	9JR3300000086	CON. V 2*15P M 1.25 SM S1312-30SVA-1R	1
CN502	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN506	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN601	311GW250B04ABX	9JR3110000007	WAFER 2.5mm 4P W2415-04RVA-S01-A	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 7PIN	1
CN701	311GW250B13ABX	9JR3110000008	WAFER 2.5mm 13P W2415-13RVA-S01-A	1
D1054	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1055	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1056	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1057	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1058	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1059	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1060	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1061	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1062	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1063	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1064	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1065	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1066	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1150	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1151	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1152	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1153	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1154	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1155	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1156	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1157	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1158	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1

D1159	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1160	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1161	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1162	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1163	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1164	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1165	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D4050	093G 6433S	9JR9300000062	switching diode BAV99	1
D4051	093G 6433S	9JR9300000062	switching diode BAV99	1
D4151	093G 6433S	9JR9300000062	switching diode BAV99	1
D4152	093G 6433S	9JR9300000062	switching diode BAV99	1
D4155	093G 6433S	9JR9300000062	switching diode BAV99	1
D502	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D506	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D507	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D508	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D509	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D510	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D511	093G 60505	9JR9300000134	DIO SIG SM BAT54C(PHSE)R	1
D601	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D604	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D605	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D606	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
FB1006	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB1012	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1013	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1014	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1015	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1016	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1017	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1034	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1052	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1053	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1054	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1151	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1152	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1153	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1154	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1155	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1156	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1157	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1158	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1159	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1160	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB404	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB405	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB406	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB606	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB607	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB608	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB705	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB706	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB707	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB708	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB751	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
L1001	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1002	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1050	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1051	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1

L1053	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1
L601	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L602	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L603	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L604	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L701	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
L702	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
Q1008	057G 420519 T	9JR5700000044	BC857C	1
Q105	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q106	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1151	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1152	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1157	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1500	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1501	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q401	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q402	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q502	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q503	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q504	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q505	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q506	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q601	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q602	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q603	057G 420519 T	9JR5700000044	BC857C	1
Q650	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q651	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q652	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q653	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q701	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q702	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q703	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q704	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q705	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q751	057G 763112	9JR5700000097	MOS Si5403DC-T1-GE3 30V/6A	1
Q752	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
R1001	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1002	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1003	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1004	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1005	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1009	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1010	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1011	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1012	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1013	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1014	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1015	061G0402513 JI	9JR6100001227	RST 0402 51K 5% 1/16W	1
R1016	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1017	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1018	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1019	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1020	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1022	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1023	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1024	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1027	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1028	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1029	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1030	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1031	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1032	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1033	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1

R1151	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1152	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1153	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1154	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1155	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1156	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1157	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1158	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1159	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1161	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1163	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1164	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1165	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1166	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1167	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1168	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1169	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1170	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1171	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1172	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1173	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1176	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1178	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1181	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1182	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1184	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1
R1185	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R1186	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1187	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1188	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1189	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1190	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1191	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1192	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1193	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1194	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1195	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1196	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1197	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1198	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1199	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1200	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1201	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1202	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1203	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1204	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1205	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1209	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1211	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1212	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1213	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1214	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1250	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1251	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1252	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1253	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1255	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1256	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1258	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1260	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1264	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1265	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1

R1266	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1267	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1268	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1269	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1270	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1271	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1272	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1273	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1274	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1275	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1276	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1277	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1278	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1279	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1280	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1281	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1282	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1283	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1284	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1285	061G0603474 JI	9JR6100001239	RST 0603 470K 5% 1/10W	1
R1286	061G0603334 JT	9JR6100001238	RST CHIP R 330K +/-5% 1/10W TZAI YUAN	1
R1287	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1288	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1289	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1290	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1291	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1292	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1293	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1294	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1
R1295	061G04021202FI	9JR6100001200	TEST ONLY RST 0402 12K 1% 1/16W TA-I	1
R1317	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1318	061G04021800FT	9JR6100001206	RST CHIP 180R 1/16W 1% TZAI YUAN	1
R1319	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1320	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1321	061G04027509FI	9JR6100000844	TEST ONLY RST 0402 75R 1% 1/16W TA-I	1
R1322	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1323	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1330	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1331	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1332	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1333	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1335	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1336	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R1337	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1341	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1342	061G04021800FT	9JR6100001206	RST CHIP 180R 1/16W 1% TZAI YUAN	1
R1370	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1371	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1372	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1373	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R403	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R404	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R405	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R406	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R410	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4101	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4102	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4103	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4104	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4105	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4106	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4107	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4108	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1
R4110	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4111	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4112	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1

R4113	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R413	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R414	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4150	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4151	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R4152	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4153	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4154	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4155	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4156	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4157	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4158	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4159	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4160	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4161	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4162	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4163	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4164	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4165	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4166	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4167	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4168	061G04025600FI	9JR6100000842	TEST ONLY RST 0402 560R 1% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4171	061G04025101FI	9JR6100001223	TEST ONLY RST 0402 5.1K 1% 1/16W TA-I	1
R4172	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4173	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4176	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4177	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4178	061G04021301FI	9JR6100001201	TEST ONLY RST 0402 1.3K 1% 1/16W TA-I	1
R4179	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R418	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4181	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4183	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4201	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R4202	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4203	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4204	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4205	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4207	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4208	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4212	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4213	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4214	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R4215	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4216	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4217	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4218	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4219	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4220	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4221	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4222	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4223	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4224	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4225	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4226	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4227	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4229	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4230	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4231	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1
R4232	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4233	061G04026801FT	9JR6100001230	RST CHIPR 6K8 +-1% 1/16W TZAI YUAN	1
R4237	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1

R4239	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4241	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4242	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4243	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4244	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4245	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4247	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R501	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R502	061G0402273 JI	9JR6100001212	RST 0402 27K 5% 1/16W	1
R504	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R525	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R534	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R535	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R536	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R537	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R538	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R541	061G04021800FT	9JR6100001206	RST CHIP 180R 1/16W 1% TZAI YUAN	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G04024021FI	9JR6100001217	RST 0402 4.02K 1% 1/16W	1
R547	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R548	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R551	061G04028209FT	9JR6100001232	RST 0402 82R 1% 1/16W	1
R552	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R553	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R554	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R555	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R564	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R571	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R572	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R573	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R574	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R575	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R576	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R577	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R601	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R602	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R604	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R605	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R607	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R610	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1
R611	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1
R612	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1
R613	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1
R614	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R616	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R617	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R618	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R619	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1

R620	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R621	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R622	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R626	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R627	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R628	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R631	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R635	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R637	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R640	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R642	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R643	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R644	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R646	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R647	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R650	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R652	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R653	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R654	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R655	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R656	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R657	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R661	061G04021822FY	9JR6100001208	RST CHIP 18.2K 1/16W 1% YAGEO	1
R662	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R663	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R665	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R666	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R667	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R668	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R669	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R670	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R671	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R672	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R673	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R674	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R675	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R676	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R679	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R688	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R689	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R691	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R692	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R702	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R703	061G0402272 JI	9JR6100001211	RST 0402 2.7K 5% 1/16W	1
R704	061G0402333 JI	9JR6100001216	RST 0402 33K 5% 1/16W	1
R705	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R706	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R712	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R716	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R718	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R719	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R720	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R721	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R722	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R723	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R725	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R726	061G06032709FT	9JR6100001236	RST CHIP 27R 1/10W 1%	1
R727	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R729	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R730	061G04021003FI	9JR6100001198	RST CHIP 100K 1/16W 1% TA-I	1
R731	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R732	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1

R734	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R736	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R737	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R751	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R752	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R753	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R755	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R756	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R757	061G0603109 JI	9JR6100001234	RST 0603 1R 5% 1/10W	1
R758	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R759	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R760	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R761	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R764	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R766	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
RP1005	061G 1264708JY	9JR6100001197	RST CHIP 47R 1/16W 8P4R 5%	1
RP4102	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4103	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4104	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4105	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4106	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
U1006	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U1011	056G 575 23	9JR5600000223	DEMODULATOR MT5135AE/A LQFP-128	1
U1015	056G 563156	9JR5600000219	IC G9141T11U SOT23-5	1
U110	056G1133956	9JR5600000066	IC CAT24C02WI-GT3 SO-8	1
U401	056G 562417	9JR5600000218	SCALER MT5366CAOU LQFP-256	1
U402	056G 615134	9JR5600000225	DRAM K4B1G1646E-HCH9 1Gb FBGA-96	1
U4051	705TPB56010	9JR7050000437	NAND Flash Assy (U4051)	1
U4053	056G 587 16	9JR5600000213	TRANSCEIVER MAX3232ECUE TSSOP-16	1
U409	705TPB56009	9JR7050000436	Serial IIC EEPROM Assy (U409) (AUO-LG)	1
U410	056G 643 46	9JR5600000200	IC Reset AZ809ANSTR-E1 SOT-23 2.93V	1
U4150	056G 7SB157 F	9JR5600000167	IC NC7SB3157P6X MAA06A SC-70 FAIRCHIL	1
U501	056G 634902	9JR5600000228	Others TMDS251PAGR TQFP64	1
U502	056G74LS 10	9JR5600000231	Logic SN74LVC1G125DBVR SOT-23	1
U503	056G1133956	9JR5600000066	IC CAT24C02WI-GT3 SO-8	1
U504	056G1133956	9JR5600000066	IC CAT24C02WI-GT3 SO-8	1
U601	056G 616520	9JR5600000227	IC DAC WM8524GEDT/R TSSOP-16 WOLFSON	1
U602	056G 616106	9JR5600000226	AUDIO TAS5717L 10W HTQFP-48	1
U603	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U604	056G 133507	9JR5600000170	LDO AS78L12RTR-G1 0.1A 12V SOT-89	1
U605	056G 665110	9JR5600000230	Multiplexer CD4052BPWR TSSOP-16	1
U701	056G 563334	9JR5600000221	DC/DC G5173R41D 3A TQFN3X3-16	1
U702	056G 563334	9JR5600000221	DC/DC G5173R41D 3A TQFN3X3-16	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U704	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563129	9JR5600000090	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	1
U755	056G 563519	9JR5600000222	IC G965-25ADJPIUF 1.8A SOP-8	1
X1001	093G 22S921 C	9JR9300000125	CRYSTAL 27MHz 20P SMD-5.0x3.2	1
X4150	093G 22S920 C	9JR9300000184	CRYSTAL 27MHz 27M 30ppm 20PF	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1069	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1070	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1071	093G 39GA28 T	9JR9300000116	RLZ13B	1
ZD1072	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1164	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

Model: LC-26LE430E(AUO)(E26BA2NBAKXPNNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
30	705TZBSK076	9JR7050000483	BEZEL ASSY	1
40	705TZASK754	9JR7050000454	REAR COVER ASSY	1
50	705TZASK750	9JR7050000450	STAND ASSY	1
80	705TZASK751	9JR7050000451	BRACKET _IO ASSY	1
84	0Q1T 330 8120	9JR0100000078	SCREW 3x8	1
90	705TZASK752	9JR7050000452	BRACKET _NECK ASSY	1
96	Z52G1801171	9JR5200000033	INSULATING PLATE _Power	1
97	Z52G1801141	9JR5200000030	INSULATING PLATE _Scaler	1
99	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	8
100	0Q1T 930 8120	9JR0100000059	SCREW	7
101	0Q1T 330 8120	9JR0100000078	SCREW 3x8	6
	0Q1G3130 8120	9JR0100000085	SCREW 3x8	2
102	0Q1T 940 16120	9JR0100000065	SCREW	2
103	0M1T 330 6120	9JR0100000056	SCREW M3*6x6	1
104	0M1G1740 14120	9JR0100000080	CONSIGN SCREW 4x14	2
105	0M1T1730 8120	9JR0100000081	SCREW 3x8	2
126	Z40G 26084314A	9JR4000000282	RATING LABEL	1
130	G40GN000673 7A	9JR4000000290	CARTON LABEL	1
135	705TZA41C1D	9JR7050000509	DFU ASSY(Western Europe)(North Europe)	1
136	705TZA41C2B	9JR7050000510	DFU ASSY(Eastern Europe)	1
450	P44GE020843 1B	9JR4400000145	CARTON	1
451	P44GE020101	9JR4400000135	CUSHION-TL EPS	1
452	P44GE020201	9JR4400000136	CUSHION-TR EPS	1
453	P44GE020301	9JR4400000137	CUSHION-BL EPS	1
454	P44GE020401	9JR4400000138	CUSHION-BR EPS	1
455	P45T 46025	9JR4500000007	PE BAG(800X650-0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
506	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TBU260W6417N000	9JR7500000059	LCD T260XW06 V400 WJ AUO	1
1054	PLTVBG684APA1	9JR9900000155	POWER PCB ASSY	1
1056	IRPFBAA1	9JR9900000148	IR PCB ASSY	1
1057	KEPFBAA1	9JR9900000150	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420	1
1185	078G055A 13 Y	9JR7800000047	SPEAKER 16 OHM 5.5W 130X25.8 220/320	1
1185	078G055A 13 M	9JR7800000046	SPEAKER 16 OHM 5.5W 130X25.8 220/320	0
8402	095G801413D980	9JR9500000208	HARNESS 13P-5P+7P 180mm+500mm	1
8402	095G801413F980	9JR9500000210	HARNESS 13P-5P+7P 180mm+500mm	0
8409	095G179J30N931	9JR9500000205	FFC CABLE 30P 265mm P1.0 JG330J1100341	1
8409	095G179H30N931	9JR9500000204	FFC CABLE 30P 265mm P1.0 270-22204	0
89901	095G8021 4X 8	9JR9500000218	HARNESS AC INLET-4P 100mm S-POWERTW9006	1
89901	095G8021 4D 8	9JR9500000216	HARNESS AC INLET-4P 100mm FQE102098I	0
89901	095G8021 4F 8	9JR9500000217	HARNESS AC INLET-4P 100mm 75875	0
1053	CBPFB4OBP5	9JR9900000168	MAIN PCB ASSY with Tuner(Panasonic TUNER)	1
1053	CBPFB4OBP6	9JR9900000169	MAIN PCB ASSY with Tuner(LG TUNER)	0
TU101	094GPASEALL17M	9JR9400000013	TUNER ENV57U09D5F EUROP（Panasonic）	1
C1001	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1002	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1003	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1004	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1005	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1006	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1007	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1008	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1009	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1010	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1011	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1012	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1013	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1014	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1016	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1019	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1

C1021	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1022	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1024	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1151	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1152	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1153	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1154	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1155	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1156	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1157	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1158	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1159	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1161	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1162	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1164	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1165	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1166	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1167	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1168	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1169	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1170	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1171	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1172	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1173	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1174	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1177	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1178	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1179	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1180	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1181	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1183	065G060333031J A	9JR6500000403	CAP 0603 33PF 50V NPO	1
C1184	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1185	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C1186	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1189	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C1200	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1208	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1210	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1211	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1212	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1213	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1214	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1215	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1216	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1217	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1218	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1219	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1220	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1221	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1222	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1224	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1225	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1226	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1227	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1229	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1230	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1231	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1234	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1238	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1

C1239	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1300	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1301	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1302	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1303	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C1305	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1306	065G0402474A5K Y	9JR6500000490	CAP CHIP 0402 0.47UF K 10V X5R	1
C1307	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1308	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1309	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1310	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1311	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1313	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1314	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1315	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1316	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1317	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1318	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1323	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C1324	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C405	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C409	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4103	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4104	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4150	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4151	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4152	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4153	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4155	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4158	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4159	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4161	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4162	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4165	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4168	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4169	067G 3113311CT	9JR6700000242	EC SMD 330UF 20% 6.3V 6.3*7.7	1
C4170	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4171	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4172	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4173	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C4174	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4175	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4176	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4177	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4178	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4179	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4180	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4181	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4183	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4184	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4185	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4186	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4188	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4189	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4190	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4191	067G 3112213CT	9JR6700000214	EC SMD 220UF 16V HV 6.3*7.7	1
C4192	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4193	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4194	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4195	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4196	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4197	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4198	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4199	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4200	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4201	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4203	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4204	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4205	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4206	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4207	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4208	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4251	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4253	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4254	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4255	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1
C4256	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4257	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4259	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C4260	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4261	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4262	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C501	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C502	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C511	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C512	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C602	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C603	065G080547515K A	9JR6500000502	CAP 0805 4.7UF 10% 16V X5R	1
C604	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C605	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C606	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C607	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C608	067G311C4704CT	9JR6700000244	EC SMD 47UF 20% 25V JV 6.3*7.7	1
C609	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C610	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C611	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C612	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C613	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C614	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C615	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C616	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C617	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C618	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1

C619	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C620	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C621	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C622	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C623	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C624	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C625	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1
C626	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C628	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C650	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C651	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C652	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C653	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C654	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C655	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C656	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C657	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C658	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C659	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C660	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C661	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C662	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C663	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C664	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C665	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C666	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C667	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C668	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C669	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C670	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C672	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C673	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C674	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C675	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C676	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C677	065G0805475A2K 3	9JR6500000207	CAP CHIP 4.7UF 10V X7R +/- 10%	1
C678	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C679	065G060322232K A	9JR6500000471	CAP 0603 2.2NF K 50V X7R	1
C680	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C681	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C682	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C683	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C684	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C685	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C687	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C689	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C690	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C691	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C692	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C693	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C694	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C695	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C697	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C698	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C699	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C700	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C701	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C702	067G215H471 2C	9JR6700000243	EC 470UF 20% 10V SY 8*9	1
C703	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C705	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C706	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C707	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C708	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C709	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C710	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C711	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C712	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1

C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C718	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C719	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C720	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C725	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C726	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C727	065G060310525K 3	9JR6500000442	MLCC 0603 1uF 25V X5R +/-10%	1
C728	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C729	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C730	067G311R2213CT	9JR6700000246	EC SMD 220UF 20% 16V ZV 6.3*7.7	1
C731	065G080522605M A	9JR6500000501	CAP 0805 22UF 20% 6.3V X5R	1
C732	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C733	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C734	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C735	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C736	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C752	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C753	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C754	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C757	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C758	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C759	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C760	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C761	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C762	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C769	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
CN101	088G353FFF1XCH	9JR8800000130	D-SUB CONN SCREWED 15P BLUE -	1
CN102	088G302F3G1VCL	9JR8800000127	PHONE JACK V/T 3P GREEN H=8.4	1
CN103	088G352F6B1AYG	9JR8800000129	USB CONN A TYPE R/A 6P BLACK H=8.4	1
CN111	088G 78F135XCL	9JR8800000134	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	1
CN116	088G 78F121XYG	9JR8800000132	RCA JACK V/T 4P W/R 1*2 H=8.6	1
CN117	088G 78F111VYG	9JR8800000124	RCA JACK V/T 2P BLACK 1*1 H=8.6	1
CN136	088G 78G131ACL	9JR8800000135	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	1
CN151	088G355FLB1VYG	9JR8800000138	SCART CONN V/T 21P BLACK H=8.6	1
CN152	088G 78F131XCL	9JR8800000133	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	1
CN159	088G 50019A VA	9JR8800000105	PCMICA CARD R/A 68P BLACK H=9.4	1
CN402	033G380213B YH L	9JR3300000084	WAFER 2.0MM 13P	1
CN404	088G353F9M1XCH	9JR8800000136	D-SUB CONN SCREWED 9P BLACK -	1
CN409	033G801930F CH JS	9JR3300000085	CONNECTOR	1
CN502	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN506	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN601	311GW250B04ABX	9JR3110000007	WAFER 2.5mm 4P W2415-04RVA-S01-A	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 7PIN	1
CN701	311GW250B13ABX	9JR3110000008	WAFER 2.5mm 13P W2415-13RVA-S01-A	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1055	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1058	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1059	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1062	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1063	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1064	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1065	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1066	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1150	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1151	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1

D1152	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1153	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1154	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1155	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1156	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1157	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1158	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1159	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1162	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1163	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1164	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1165	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D4050	093G 6433S	9JR9300000062	switching diode BAV99	1
D4051	093G 6433S	9JR9300000062	switching diode BAV99	1
D4151	093G 6433S	9JR9300000062	switching diode BAV99	1
D4152	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4155	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D502	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D506	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D507	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D508	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D509	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D510	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D511	093G 60518SEM	9JR9300000183	DIODE BAT54C-HAF 300mA/30V SOT-23	1
D601	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D604	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D605	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D606	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
FB1006	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB1012	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1013	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1014	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1015	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1016	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1017	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1034	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1052	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1053	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1054	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1151	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1152	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1153	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1154	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1155	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1156	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1157	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1158	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1159	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1160	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB404	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB405	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB406	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB606	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB607	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB608	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB705	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB706	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1

FB707	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB708	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB751	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
L1001	073T 63189 TA	9JR7300000026	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1002	073T 63189 TA	9JR7300000026	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1050	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1051	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1
L1053	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1
L601	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L602	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L603	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L604	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L701	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
L702	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
Q105	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q106	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 419513	9JR5700000002	BC847C	1
Q1151	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1152	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 419513	9JR5700000002	BC847C	1
Q1500	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1501	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q502	057G 419513	9JR5700000002	BC847C	1
Q503	057G 419513	9JR5700000002	BC847C	1
Q504	057G 419513	9JR5700000002	BC847C	1
Q505	057G 419513	9JR5700000002	BC847C	1
Q506	057G 419513	9JR5700000002	BC847C	1
Q601	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q602	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q603	057G 420519 T	9JR5700000044	BC857C	1
Q650	057G 417511	9JR5700000001	MMBT3904	1
Q651	057G 417511	9JR5700000001	MMBT3904	1
Q652	057G 417511	9JR5700000001	MMBT3904	1
Q653	057G 417511	9JR5700000001	MMBT3904	1
Q701	057G 419513	9JR5700000002	BC847C	1
Q702	057G 7631PH	9JR5700000062	FET POW SM SI5441DC(VISH)R	1
Q703	057G 419513	9JR5700000002	BC847C	1
Q704	057G 419513	9JR5700000002	BC847C	1
Q705	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q752	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R1001	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1002	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1003	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1004	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1005	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1009	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1010	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1011	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1012	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1013	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1014	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1015	061G0402513 JI	9JR6100001227	RST 0402 51K 5% 1/16W	1
R1016	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1017	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1018	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1019	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1020	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1022	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1023	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1024	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1027	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1

R1028	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1029	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1030	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1031	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1032	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1033	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1151	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1152	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1153	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1154	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1155	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1156	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1157	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1158	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1159	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1161	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1163	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1164	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1165	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1166	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1167	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1168	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1169	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1170	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1171	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1172	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1173	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1176	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1178	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1181	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1182	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1184	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1
R1185	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R1186	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1187	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1188	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1189	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1190	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1191	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1192	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1193	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1194	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1195	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1196	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1197	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1198	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1199	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1200	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1201	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1202	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1203	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1204	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1205	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1209	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1211	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1212	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1213	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1214	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1250	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1251	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1252	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1253	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1

R1255	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1256	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1258	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1260	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1264	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1265	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1266	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1267	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1268	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1269	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1270	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1271	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1272	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1273	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1274	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1275	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1276	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1277	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1278	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1279	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1280	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1281	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1282	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1283	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1284	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1285	061G0603106 JI	9JR6100001233	RST CHIP R 10M 1/10W 5% TA-I	1
R1286	061G0603755 JI	9JR6100001240	RST 0603 7.5M 5% 1/10W TA-I	1
R1287	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1288	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1289	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1290	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1291	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1292	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1293	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1294	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1
R1295	061G04021202FI	9JR6100001200	TEST ONLY RST 0402 12K 1% 1/16W TA-I	1
R1317	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1318	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1319	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1320	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1321	061G04021500FI	9JR6100001202	TEST ONLY RST CHIP 150R 1/16W 1% TA-I	1
R1322	061G04025109FT	9JR6100001225	RST CHIPR 0402 51 OHM +-1% 1/16W	1
R1323	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1330	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1331	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1332	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1333	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1335	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1336	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R1337	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1338	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1341	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1342	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1370	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1371	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1372	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1373	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R403	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R404	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R405	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R406	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R410	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4101	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4102	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4103	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4104	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1

R4105	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4106	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4107	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4108	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1
R4110	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4111	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4112	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4113	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R413	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R414	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4150	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4151	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R4152	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4153	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4154	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4155	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4156	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4157	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4158	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4159	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4160	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4161	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4162	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4163	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4164	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4165	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4166	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4167	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4168	061G04025600FI	9JR6100000842	TEST ONLY RST 0402 560R 1% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4171	061G04025101FI	9JR6100001223	TEST ONLY RST 0402 5.1K 1% 1/16W TA-I	1
R4172	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4173	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4176	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4177	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4178	061G04021301FI	9JR6100001201	TEST ONLY RST 0402 1.3K 1% 1/16W TA-I	1
R4179	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R418	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4181	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4183	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4201	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R4202	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4203	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4204	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4205	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4207	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4208	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4212	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4213	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4214	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R4215	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4216	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4217	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4218	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4219	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4220	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4221	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4222	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4223	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4224	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4225	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4226	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1

R4227	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4229	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4230	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4231	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1
R4232	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4233	061G04026801FT	9JR6100001230	RST CHIPR 6K8 +-1% 1/16W TZAI YUAN	1
R4237	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4239	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4241	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4242	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4243	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4244	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4245	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4247	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R501	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R502	061G0402273 JI	9JR6100001212	RST 0402 27K 5% 1/16W	1
R504	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R525	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R534	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R535	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R536	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R537	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R538	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R541	061G04021800FT	9JR6100001206	RST CHIP 180R 1/16W 1% TZAI YUAN	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G04024021FI	9JR6100001217	RST 0402 4.02K 1% 1/16W	1
R547	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R548	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R551	061G04028209FT	9JR6100001232	RST 0402 82R 1% 1/16W	1
R552	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R553	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R554	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R555	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R564	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R571	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R572	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R573	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R574	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R575	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R576	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R577	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R601	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R602	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R604	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R605	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R607	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R610	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1
R611	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1

R612	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1
R613	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1
R614	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R616	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R617	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R618	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R619	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R620	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R621	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R622	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R626	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R627	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R628	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R631	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R635	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R637	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R640	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R642	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R643	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R644	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R646	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R647	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R650	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R652	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R653	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R654	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R655	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R656	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R657	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R661	061G04021822FY	9JR6100001208	RST CHIP 18.2K 1/16W 1% YAGEO	1
R662	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R663	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R665	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R666	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R667	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R668	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R669	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R670	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R671	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R672	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R673	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R674	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R675	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R676	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R679	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R688	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R689	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R691	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R692	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R702	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R703	061G0402272 JI	9JR6100001211	RST 0402 2.7K 5% 1/16W	1
R704	061G0402333 JI	9JR6100001216	RST 0402 33K 5% 1/16W	1
R705	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R706	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R712	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R716	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R718	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R719	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R720	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R721	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R722	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R723	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1

R725	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R726	061G06032709FT	9JR6100001236	RST CHIP 27R 1/10W 1%	1
R727	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R727	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R729	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R730	061G04021003FI	9JR6100001198	RST CHIP 100K 1/16W 1% TA-I	1
R731	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R732	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R734	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R736	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R737	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R751	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R753	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R754	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R755	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R756	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R757	061G0603109 JI	9JR6100001234	RST 0603 1R 5% 1/10W	1
R758	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R759	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R760	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R761	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R764	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R766	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
RP1005	061G 1264708JY	9JR6100001197	RST CHIP 47R 1/16W 8P4R 5%	1
RP4102	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4103	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4104	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4105	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4106	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
U1006	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U1011	056G 575 23	9JR5600000223	DEMODULATOR MT5135AE/A LQFP-128	1
U1015	056G 563156	9JR5600000219	IC G9141T11U SOT23-5	1
U110	056G1133 34	9JR5600000100	M24C02-WMN6TP	1
U401	056G 562417	9JR5600000218	SCALER MT5366CAOU LQFP-256	1
U402	056G 615134	9JR5600000225	DRAM K4B1G1646E-HCH9 1Gb FBGA-96	1
U4051	705TPB56013	9JR7050000439	NAND Flash Assy (U4051)	1
U4053	056G 587 16	9JR5600000213	TRANSCEIVER MAX3232ECUE TSSOP-16	1
U409	705TPB56011	9JR7050000438	Serial IIC EEPROM Assy (U409) (AUO-Panas	1
U410	056G 643 49	9JR5600000229	RESET TLV809K33DBVR 2.93V SOT-23	1
U4150	056G 623904	9JR5600000188	IC TS5A3157DCKR SC70	1
U501	056G 634902	9JR5600000228	Others TMDS251PAGR TQFP64	1
U502	056G74LS 10	9JR5600000231	Logic SN74LVC1G125DBVR SOT-23	1
U503	056G1133 34	9JR5600000100	M24C02-WMN6TP	1
U504	056G1133 34	9JR5600000100	M24C02-WMN6TP	1
U601	056G 616520	9JR5600000227	IC DAC WM8524GEDT/R TSSOP-16 WOLFSON	1
U602	056G 616106	9JR5600000226	AUDIO TAS5717L 10W HTQFP-48	1
U603	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U604	056G 133507	9JR5600000170	LDO AS78L12RTR-G1 0.1A 12V SOT-89	1
U605	056G 665110	9JR5600000230	Multiplexer CD4052BPWR TSSOP-16	1
U701	056G 563289	9JR5600000220	DC/DC TPS54319RTER QFN-16	1
U702	056G 563289	9JR5600000220	DC/DC TPS54319RTER QFN-16	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U704	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563149	9JR5600000172	IC G903T63UF 0.6A/3.3V SOT-223	1
U755	056G 563519	9JR5600000222	IC G965-25ADJPIUF 1.8A SOP-8	1
X1001	093G 22S921 C	9JR9300000125	CRYSTAL 27MHz 20P SMD-5.0x3.2	1
X4150	093G 22S920 C	9JR9300000184	CRYSTAL 27MHz 27M 30ppm 20PF	1
ZD1065	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1066	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1067	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1068	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1069	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1070	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1071	093G 39GA28 T	9JR9300000116	RLZ13B	1
ZD1072	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1150	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1

ZD1151	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1152	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1153	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1154	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1155	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1160	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1161	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1162	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1163	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1164	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1

Model: LC-32LE430E(AUO)(E32BA2NBAKXPNNS)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
	705TZBSK032	9JR7050000482	BEZEL+ Film Assy	1
32	P33T0162 1 1C0100	9JR3300000001	LENS_IR	1
	705TZA34640	9JR7050000480	rear assy	1
42	P33T0178PBC 1X0100	9JR3300000002	LENS _DOUBLE_430	1
50	705TZA34589	9JR7050000358	STAND ASSY	1
60	P52G1801039	9JR7050000358	INSULATING PLATE _POWER	1
80	705TZA15017	9JR7050000354	BRACKET _IO ASSY	1
84	0Q1T 330 8120	9JR0100000078	SCREW 3X8mm 42A9930017	1
	0M1T1730 6120	9JR0100000036	SCREW 3*6MM	14
90	705TZA15018	9JR7050000355	BRACKET _HINGE ASSY	1
100	0Q1T 930 10120	9JR0100000064	SCREW	17
101	0Q1T 940 16120	9JR0100000065	SCREW	4
102	0M1T 330 6120	9JR0100000056	SCREW M3*6x6	3
103	0M1T1740 12120 GP	9JR0100000063	SCREW	2
126	Z40G 26084314A	9JR4000000282	RATING LABEL	1
130	G40GN000673 7A	9JR4000000290	CARTON LABEL	1
135	705TZA41C1D	9JR7050000509	DFU ASSY(Western Europe)(North Europe)	1
136	705TZA41C2B	9JR7050000510	DFU ASSY(Eastern Europe)	1
451	P44GJ029101	9JR4400000124	CUSHION-TL EPS	1
452	P44GJ029201	9JR4400000125	CUSHION-TR EPS	1
453	P44GJ029301	9JR4400000126	CUSHION-BL EPS	1
454	P44GJ029401	9JR4400000127	CUSHION-BR EPS	1
458	P44GJ029501	9JR4400000146	CUSHION-BM EPS	1
455	P45T 46024	9JR4500000006	PE BAG(950X735x0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
515	P44GJ029843 1B	9JR4400000147	CARTON	1
516	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TBU315W6312N000	9JR7500000055	LCD T315XW06 V301 SZ AUO	1
1050	750TBZ315X6311N000	9JR7500000064	LCD T315XW06 V301 PL BVD	0
1054	ADTVB2404PA2	9JR9900000142	POWER PCB ASSY	1
1056	IRPFBAA2	9JR9900000149	IR BOARD	1
1057	KEPFBAA1	9JR9900000150	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP	1
1185	078G120A 32 M	9JR7800000038	SPEAKER 16 OHM 12W 130X27.4 570/280	1
1185	078G120A 32 Y	9JR7800000039	SPEAKER 16 OHM 12W 130X27.4 570/280	0
8402	095G801413D976	9JR9500000190	HARNESS 13P-5P+7P 320mm+730mm	0
8402	095G801413X976	9JR9500000192	HARNESS 13P-5P+7P 320mm+730mm	1
8409	095G179H30N930	9JR9500000187	FFC CABLE 30P 570mm P1.0 270-22203	0
8409	095G179J30N930	9JR9500000188	FFC CABLE 30P 570mm P1.0 JG330J1100345	1
89901	095G8021 4D921	9JR9500000197	HARNESS AC INLET-4P 200mm FQE102072I	0
89901	095G8021 4X921	9JR9500000200	HARNESS AC INLET-4P 200mm POWERTF0010	1
	0M1T1140 6120	9JR0100000003	SCREW 4*6MM	1
1053	CBPFB4OBP1	9JR9900000147	MAIN PCB ASSY with Tuner(Panasonic TUNER)	1
1053	CBPFB4OBP2	9JR9900000170	MAIN PCB ASSY with Tuner(LG TUNER)	0
2657	094GPASEALL17M	9JR9400000013	TUNER ENV57U09D5F EUROP(Panasonic)	1
C1001	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1002	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1003	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1004	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1005	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1006	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1007	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1008	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1009	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1010	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1011	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1012	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1013	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1014	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1016	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1019	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1

C1021	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1022	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1024	065G060347131J A	9JR6500000404	CAP CHIP 0603 470PF J 50V NPO	1
C1151	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1152	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1153	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1154	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1155	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1156	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1157	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1158	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1159	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1161	065G040215031J A	9JR6500000411	CAP CHIP 0402 15PF J 50V NPO	1
C1162	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1164	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1165	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1166	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1167	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1168	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1169	065G040250931C Y	9JR6500000441	CAP CHIP 0402 5PF 50V NPO +/-0.25pF	1
C1170	065G040215232K A	9JR6500000392	CAP CHIP 0402 1.5NF K 50V X7R	1
C1171	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1172	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1173	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1174	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1177	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1178	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1179	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1180	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1181	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1183	065G060333031J A	9JR6500000403	CAP 0603 33PF 50V NPO	1
C1184	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1185	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C1186	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1189	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C1200	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C1202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1208	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1210	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1211	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1212	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1213	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1214	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1215	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1216	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1217	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1218	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1219	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1220	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1221	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1222	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1224	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1225	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1226	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1227	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C1229	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1230	065G040210031D A	9JR6500000465	CAP CHIP 0402 10PF D 50V NPO	1
C1231	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1234	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1238	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1

C1239	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1300	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1301	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1302	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1303	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C1305	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C1306	065G0402474A5K Y	9JR6500000490	CAP CHIP 0402 0.47UF K 10V X5R	1
C1307	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1308	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1309	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1310	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1311	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1313	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1314	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C1315	065G060322131J A	9JR6500000493	CAP CHIP 0603 220PF J 50V NPO	1
C1316	065G060356931D A	9JR6500000498	CAP 0603 5.6PF 0.5pF 50V NP0	1
C1317	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1318	065G060310332K A	9JR6500000491	CAP CHIP 0603 10nF K 50V X7R	1
C1323	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C1324	065G060356031J A	9JR6500000497	CAP CHIP 0603 56PF J 50V NPO	1
C405	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C409	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4103	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4104	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4150	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4151	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4152	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4153	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4155	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4158	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4159	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4160	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4161	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4162	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4163	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4165	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4168	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4169	067G 3113311CT	9JR6700000242	EC SMD 330UF 20% 6.3V 6.3*7.7	1
C4170	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4171	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4172	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4173	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C4174	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4175	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4176	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4177	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4178	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4179	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4180	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4181	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4182	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4183	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4184	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4185	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4186	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4188	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4189	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4190	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4191	067G 3112213CT	9JR6700000214	EC SMD 220UF 16V HV 6.3*7.7	1
C4192	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4193	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4194	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4195	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4196	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4197	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4198	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4199	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4200	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C4201	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4202	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4203	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C4204	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4205	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4206	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4207	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4208	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4209	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4251	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C4253	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4254	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4255	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1
C4256	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4257	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4259	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C4260	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4261	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C4262	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C501	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C502	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C511	065G0402224A5K A	9JR6500000468	CAP 0402 220nF K 10V X5R	1
C512	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C602	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C603	065G080547515K A	9JR6500000502	CAP 0805 4.7UF 10% 16V X5R	1
C604	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C605	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C606	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C607	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C608	067G311C4704CT	9JR6700000244	EC SMD 47UF 20% 25V JV 6.3*7.7	1
C609	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C610	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C611	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C612	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C613	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C614	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C615	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C616	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C617	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C618	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1

C619	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C620	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C621	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C622	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C623	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C624	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C625	065G0603225A5K Y	9JR6500000494	0603 2.2uF 10V X5R	1
C626	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C628	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C650	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C651	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C652	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C653	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C654	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C655	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C656	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C657	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C658	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C659	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C660	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C661	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C662	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C663	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C664	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C665	065G040210232K A	9JR6500000390	CAP 0402 1NF K 50V X7R	1
C666	065G040233131J A	9JR6500000488	MLCC 0402 330pF 50V NPO +-5%	1
C667	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C668	065G060347031J A	9JR6500000473	CAP CHIP 0603 47pF J 50V NPO	1
C669	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C670	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C672	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C673	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C674	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C675	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C676	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C677	065G0805475A2K 3	9JR6500000207	CAP CHIP 4.7UF 10V X7R +/- 10%	1
C678	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C679	065G060322232K A	9JR6500000471	CAP 0603 2.2NF K 50V X7R	1
C680	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C681	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C682	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C683	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C684	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C685	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C687	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C689	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C690	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C691	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C692	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C693	065G060347232K A	9JR6500000474	CAP CHIP 0603 4.7NF K 50V X7R	1
C694	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C695	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C697	065G040247312K A	9JR6500000394	CAP CHIP 0402 47nF K 16V X7R	1
C698	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C699	065G060333332K A	9JR6500000495	CAP CHIP 0603 33nF K 50V X7R	1
C700	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C701	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C702	067G215H471 2C	9JR6700000243	EC 470UF 20% 10V SY 8*9	1
C703	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C705	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C706	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C707	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C708	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C709	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C710	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C711	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C712	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1

C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP CHIP 0603 100nF K 50V X7R	1
C717	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C718	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C719	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C720	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G040233232K A	9JR6500000489	CAP CHIP 0402 3.3NF K 50V X7R	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C725	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C726	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C728	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C729	065G0805106A5K A	9JR6500000500	CAP 0805 10UF 10% 10V X5R	1
C730	067G311R2213CT	9JR6700000246	EC SMD 220UF 20% 16V ZV 6.3*7.7	1
C732	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C733	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C734	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C735	065G040210332K A	9JR6500000341	CAP 0402 10NF 50V X7R	1
C736	065G120647537Z 3	9JR6500000503	CAP CHIP 4.7UF 50V Y5V -20%~+80%	1
C752	067G311R1013CT	9JR6700000245	EC SMD 100UF 20% 16V ZV 6.3*5.5	1
C753	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C754	065G0603475A5K Y	9JR6500000496	CAP 0603 4.7UF 10% 10V X5R	1
C757	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C758	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C759	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C760	065G060310512K A	9JR6500000492	CAP 0603 1UF 10% 16V X7R	1
C761	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C762	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
C769	065G080510615K A	9JR6500000499	CAP 0805 10UF 10% 16V X5R	1
CN101	088G353FFF1XCL	9JR8800000131	D-SUB CONN V/T 15P BLUE H=8.6	1
CN102	088G302F3G1VCL	9JR8800000127	PHONE JACK V/T 3P GREEN H=8.4	1
CN103	088G352F6B1AYG	9JR8800000129	USB CONN A TYPE R/A 6P BLACK H=8.4	1
CN111	088G 78F135XCL	9JR8800000134	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	1
CN116	088G 78F121XYG	9JR8800000132	RCA JACK V/T 4P W/R 1*2 H=8.6	1
CN117	088G 78F111VYG	9JR8800000124	RCA JACK V/T 2P BLACK 1*1 H=8.6	1
CN136	088G 78G131ACL	9JR8800000135	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	1
CN151	088G355FLB1VYG	9JR8800000138	SCART CONN V/T 21P BLACK H=8.6	1
CN152	088G 78F131XCL	9JR8800000133	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	1
CN159	088G 50019A VA	9JR8800000105	PCMICA CARD R/A 68P BLACK H=9.4	1
CN402	033G380213B YH L	9JR3300000084	WAFER 2.0MM 13P	1
CN404	088G353F9M1XCL	9JR8800000137	D-SUB CONN SCREWED V/T 9P BLACK H=8.4	1
CN409	033G801930F CH JS	9JR3300000085	CONNECTOR	1
CN502	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN506	088G 34021A VT	9JR8800000123	HDMI HEADER 21P + 2PCS SCREW HOLE	1
CN601	311GW250B04ABX	9JR3110000007	WAFER 2.5mm 4P W2415-04RVA-S01-A	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 7PIN	1
CN701	311GW250B13ABX	9JR3110000008	WAFER 2.5mm 13P W2415-13RVA-S01-A	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1055	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1058	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1059	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1062	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1063	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1064	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1065	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1066	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1150	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1151	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1152	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1153	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1

D1154	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1155	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1156	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1157	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1158	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1159	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1162	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1163	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1164	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1165	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D4050	093G 6433S	9JR9300000062	switching diode BAV99	1
D4051	093G 6433S	9JR9300000062	switching diode BAV99	1
D4151	093G 6433S	9JR9300000062	switching diode BAV99	1
D4152	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4155	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D502	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D506	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D507	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D508	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D509	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D510	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D511	093G 60518SEM	9JR9300000183	DIODE BAT54C-HAF 300mA/30V SOT-23	1
D601	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D604	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D605	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
D606	093G 64S526SEM	9JR9300000197	SWITCHING BAS316WS 250mA 100V SOD323	1
FB1006	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB1012	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1013	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1014	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1015	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1016	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1017	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1034	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1052	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1053	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1054	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1151	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1152	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1153	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1154	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1155	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1156	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1157	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1158	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1159	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB1160	071G 59C800 M	9JR7100000103	CHIP BEAD 80 OHM 0603 400mA	1
FB404	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB405	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB406	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB606	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB607	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB608	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB705	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB706	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB707	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
FB708	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1

FB751	071G 56A221 M	9JR7100000101	CHIP BEAD 0805 220R/2000mA	1
L1001	073T 63189 TA	9JR7300000026	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1002	073T 63189 TA	9JR7300000026	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1050	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1051	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1
L1053	073G 63128 T	9JR7300000113	CHIP INDUCTOR 0.12UH 10% MLF1608DR12KT	1
L601	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L602	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L603	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L604	073G 259903 H1	9JR7300000114	CHOKE COIL 47UH 10% L470S HA	1
L701	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
L702	073G253S 96 M1	9JR7300000115	SMD CHOKE 1.5UH 10% 0.015R 9A	1
Q105	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q106	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1151	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1152	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1500	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1501	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q502	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q503	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q504	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q505	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q506	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q601	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q602	057G 417 18 T	9JR5700000088	PMBT3904 SOT-23	1
Q603	057G 420519 T	9JR5700000044	BC857C	1
Q650	057G 417511	9JR5700000001	MMBT3904	1
Q651	057G 417511	9JR5700000001	MMBT3904	1
Q652	057G 417511	9JR5700000001	MMBT3904	1
Q653	057G 417511	9JR5700000001	MMBT3904	1
Q701	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q702	057G 7631PH	9JR5700000062	FET POW SM SI5441DC(VISH)R	1
Q703	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q751	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q752	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
R1001	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1002	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1003	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1004	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1005	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1009	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1010	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1011	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1012	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1013	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1014	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1015	061G0402513 JI	9JR6100001227	RST 0402 51K 5% 1/16W	1
R1016	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1017	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1018	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1019	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1020	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1022	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1023	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1024	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1027	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1028	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1029	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1030	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1031	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1

R1032	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R1033	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1151	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1152	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1153	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1154	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1155	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1156	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1157	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1158	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1159	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1161	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1163	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1164	061G0402560 JI	9JR6100001228	RST 0402 56R 5% 1/16W	1
R1165	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1166	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1167	061G0402180 JI	9JR6100001205	RST 0402 18R 5% 1/16W	1
R1168	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1169	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1170	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1171	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1172	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1173	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JI	9JR6100001229	RST 0402 68R 5% 1/16W	1
R1176	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1178	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1181	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1182	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1184	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1
R1185	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R1186	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1187	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1188	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1189	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1190	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1191	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1192	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1193	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1194	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1195	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1196	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1197	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1198	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1199	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1200	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1201	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1202	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1203	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1204	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1205	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1209	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1211	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1212	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1213	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1214	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1250	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1251	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1252	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1253	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1255	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1256	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1258	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1260	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1

R1264	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1265	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1266	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1267	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1268	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1269	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1270	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1271	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1272	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1273	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1274	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1275	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1276	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1277	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1278	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1279	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1280	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1281	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1282	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1283	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1284	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1285	061G0603106 JI	9JR6100001233	RST CHIP R 10M 1/10W 5% TA-I	1
R1286	061G0603755 JI	9JR6100001240	RST 0603 7.5M 5% 1/10W TA-I	1
R1287	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1288	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1289	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1290	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R1291	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1292	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R1293	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1294	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1
R1295	061G04021202FI	9JR6100001200	TEST ONLY RST 0402 12K 1% 1/16W TA-I	1
R1317	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1318	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1319	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1320	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1321	061G04021500FI	9JR6100001202	TEST ONLY RST CHIP 150R 1/16W 1% TA-I	1
R1322	061G04025109FT	9JR6100001225	RST CHIPR 0402 51 OHM +-1% 1/16W	1
R1323	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1330	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1331	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1332	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1333	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1335	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1336	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R1337	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1338	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1341	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1342	061G04025109FI	9JR6100001224	RST 0402 51R 1% 1/16W TA-I	1
R1370	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1371	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1372	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1373	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R403	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R404	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R405	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R406	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R410	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4101	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4102	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4103	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4104	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4105	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4106	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4107	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4108	061G04022400FI	9JR6100001210	RST 0402 240R 1% 1/16W	1

R4110	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4111	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4112	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4113	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R413	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R414	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4150	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4151	061G0402470 JI	9JR6100001220	RST 0402 47R 5% 1/16W	1
R4152	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4153	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4154	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4155	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4156	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4157	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4158	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4159	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4160	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4161	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4162	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4163	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4164	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4165	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4166	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4167	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4168	061G04025600FI	9JR6100000842	TEST ONLY RST 0402 560R 1% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4171	061G04025101FI	9JR6100001223	TEST ONLY RST 0402 5.1K 1% 1/16W TA-I	1
R4172	061G04021001FI	9JR6100001082	TEST ONLY RST 0402 1K 1% 1/16W TA-I	1
R4173	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4176	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4177	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4178	061G04021301FI	9JR6100001201	TEST ONLY RST 0402 1.3K 1% 1/16W TA-I	1
R4179	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R418	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4181	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4183	061G0402331 JI	9JR6100001092	RST 0402 330R 5% 1/16W TA-I	1
R4201	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R4202	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4203	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4204	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4205	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4206	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4207	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4208	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4210	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4212	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4213	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4214	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R4215	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4216	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4217	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4218	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4219	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4220	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4221	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4222	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4223	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4224	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4225	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4226	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4227	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4229	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4230	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4231	061G04021201FY	9JR6100001199	RST CHIP 1.2K 1/16W 1%	1

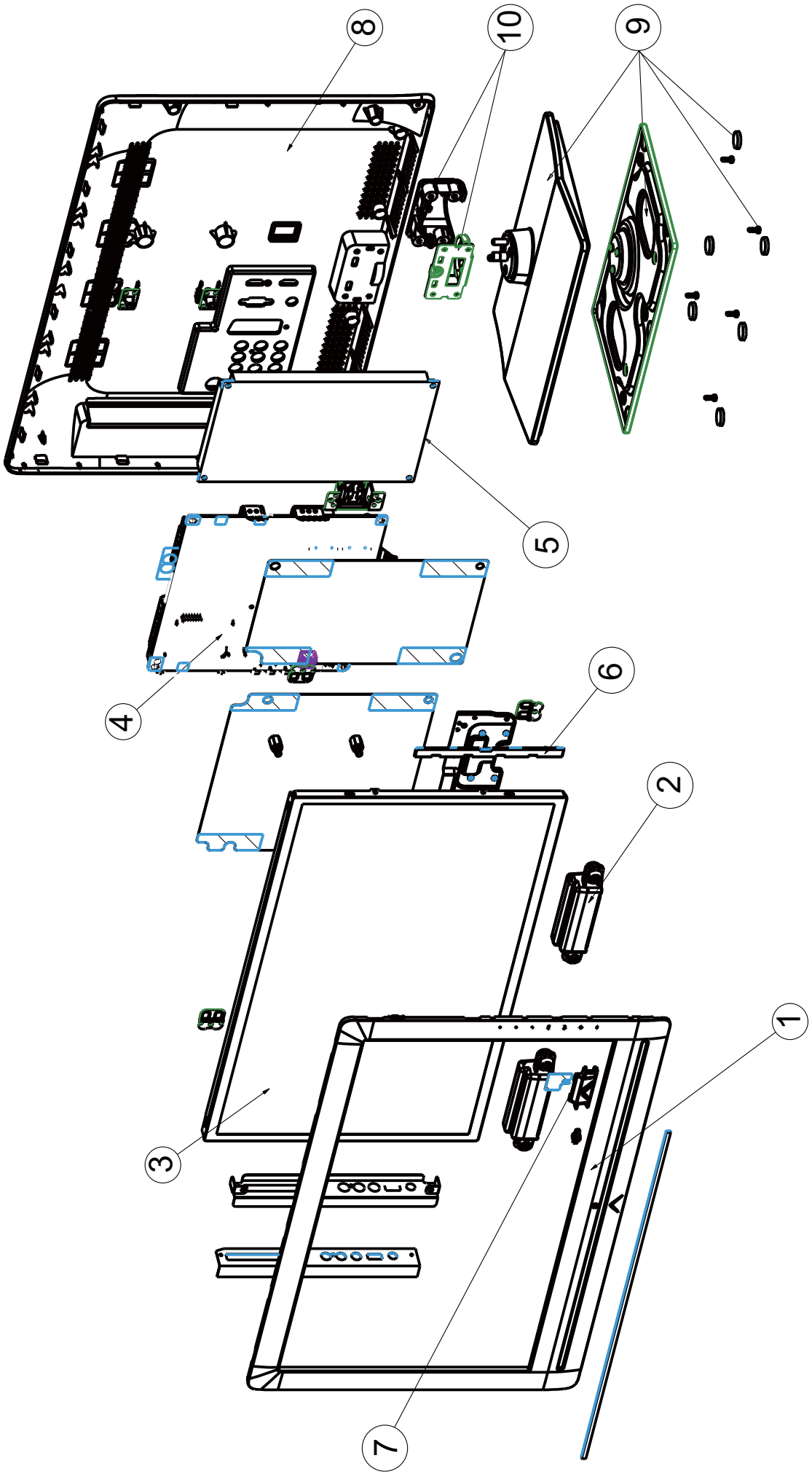
R4232	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4233	061G04026801FT	9JR6100001230	RST CHIPR 6K8 +-1% 1/16W TZAI YUAN	1
R4237	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4239	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4241	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4242	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4243	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4244	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4245	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4247	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R501	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R502	061G0402273 JI	9JR6100001212	RST 0402 27K 5% 1/16W	1
R504	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R525	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JI	9JR6100001095	RST 0402 470K 5% 1/16W TA-I	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R534	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R535	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R536	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R537	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R538	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R541	061G04021800FT	9JR6100001206	RST CHIP 180R 1/16W 1% TZAI YUAN	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G04024021FI	9JR6100001217	RST 0402 4.02K 1% 1/16W	1
R547	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R548	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R551	061G04028209FT	9JR6100001232	RST 0402 82R 1% 1/16W	1
R552	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R553	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R554	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R555	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R564	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R571	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R572	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R573	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R574	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R575	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R576	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R577	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R601	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R602	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R604	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R605	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R607	061G04021502FI	9JR6100001203	TEST ONLY RST 0402 15K 1% 1/16W TA-I	1
R610	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1
R611	061G06032802FT	9JR6100001237	RST 0603 28K 1% 1/10W	1
R612	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1
R613	061G04024532FI	9JR6100001219	RST 0402 45.3K 1% 1/16W TA-I	1
R614	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R616	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1

R617	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R618	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R619	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R620	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R621	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R622	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R626	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R627	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R628	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R631	061G0603000 JI	9JR6100000931	TEST ONLY RST 0603 0.05R MAX 1/16W TA-I	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R635	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R637	061G0402303 JI	9JR6100001214	RST 0402 30K 5% 1/16W	1
R640	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R642	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R643	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R644	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R646	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R647	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R650	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R652	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R653	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R654	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R655	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R656	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R657	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R661	061G04021822FY	9JR6100001208	RST CHIP 18.2K 1/16W 1% YAGEO	1
R662	061G0402330 JI	9JR6100001091	RST 0402 33R 5% 1/16W TA-I	1
R663	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R665	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R666	061G04024700FI	9JR6100001221	RST 0402 470R 1% 1/16W	1
R667	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R668	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R669	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R670	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R671	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R672	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R673	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R674	061G0402479 JI	9JR6100001222	RST 0402 4.7R 5% 1/16W	1
R675	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R676	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R679	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R688	061G04024302FI	9JR6100001218	TEST ONLY RST 0402 43K 1% 1/16W TA-I	1
R689	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R691	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R692	061G0402203 JI	9JR6100001209	TEST ONLY RST 0402 20K 5% 1/16W TA-I	1
R702	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R703	061G0402272 JI	9JR6100001211	RST 0402 2.7K 5% 1/16W	1
R704	061G0402333 JI	9JR6100001216	RST 0402 33K 5% 1/16W	1
R705	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R706	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R712	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R716	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R718	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R720	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R721	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R722	061G04023000FI	9JR6100001213	RST CHIP 300R 1/16W 1% TA-I	1
R724	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R726	061G06032709FT	9JR6100001236	RST CHIP 27R 1/10W 1%	1
R727	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R729	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R730	061G04021003FI	9JR6100001198	RST CHIP 100K 1/16W 1% TA-I	1
R731	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1

R732	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R734	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R736	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R737	061G04021803FI	9JR6100001207	TEST ONLY RST 0402 180K 1% 1/16W TA-I	1
R751	061G0402153 JI	9JR6100001204	RST 0402 15K 5% 1/16W	1
R753	061G0402512 JI	9JR6100001226	RST 0402 5.1K 5% 1/16W	1
R754	061G1206000 JI	9JR6100001169	RST 1206 MAX0R05 5% 1/4W	1
R755	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R756	061G06031200FY	9JR6100000467	RST CHIP 120R 1% 1/10W	1
R757	061G0603109 JI	9JR6100001234	RST 0603 1R 5% 1/10W	1
R758	061G0402752 JI	9JR6100001231	RST 0402 7.5K 5% 1/16W	1
R759	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R760	061G04023302FI	9JR6100001215	TEST ONLY RST 0402 33K 1% 1/16W TA-I	1
R761	061G06031202FI	9JR6100001235	RST 0603 12K 1% 1/10W	1
R764	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R766	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
RP1005	061G 1264708JY	9JR6100001197	RST CHIP 47R 1/16W 8P4R 5%	1
RP4102	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4103	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4104	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4105	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
RP4106	061G 1261018JY	9JR6100001196	RST CHIP AR 8P4R 100OHM +-5% 1/16W	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
U1006	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U1011	056G 575 23	9JR5600000223	DEMODULATOR MT5135AE/A LQFP-128	1
U1015	056G 563156	9JR5600000219	IC G9141T11U SOT23-5	1
U110	056G1133 34	9JR5600000100	M24C02-WMN6TP	1
U401	056G 562417	9JR5600000218	SCALER MT5366CAOU LQFP-256	1
U402	056G 615113	9JR5600000224	DRAM NT5CB64M16AP-CF WBGA-96 1Gb	1
U4051	705TPB56003	9JR7050000434	NAND Flash Assy (U4051)	1
U4053	056G 587 16	9JR5600000213	TRANSCEIVER MAX3232ECUE TSSOP-16	1
U409	705TPB56001	9JR7050000433	Serial IIC EEPROM Assy (U409) (AUO-Panas	1
U410	056G 643 49	9JR5600000229	RESET TLV809K33DBVR 2.93V SOT-23	1
U4150	056G 623904	9JR5600000188	IC TS5A3157DCKR SC70	1
U501	056G 634902	9JR5600000228	Others TMDS251PAGR TQFP64	1
U502	056G74LS 10	9JR5600000231	Logic SN74LVC1G125DBVR SOT-23	1
U503	056G1133 34	9JR5600000100	M24C02-WMN6TP	1
U504	056G1133 34	9JR5600000100	M24C02-WMN6TP	1
U601	056G 616520	9JR5600000227	IC DAC WM8524GEDT/R TSSOP-16 WOLFSON	1
U602	056G 616106	9JR5600000226	AUDIO TAS5717L 10W HTQFP-48	1
U603	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U604	056G 133507	9JR5600000170	LDO AS78L12RTR-G1 0.1A 12V SOT-89	1
U605	056G 665110	9JR5600000230	Multiplexer CD4052BPWR TSSOP-16	1
U701	056G 563289	9JR5600000220	DC/DC TPS54319RTER QFN-16	1
U702	056G 563289	9JR5600000220	DC/DC TPS54319RTER QFN-16	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U704	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563149	9JR5600000172	IC G903T63UF 0.6A/3.3V SOT-223	1
U755	056G 563519	9JR5600000222	IC G965-25ADJPIUF 1.8A SOP-8	1
X1001	093G 22S921 C	9JR9300000125	CRYSTAL 27MHz 20P SMD-5.0x3.2	1
X4150	093G 22S920 C	9JR9300000184	CRYSTAL 27MHz 27M 30ppm 20PF	1
ZD1065	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1066	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1067	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1068	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1069	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1070	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1071	093G 39GA28 T	9JR9300000116	RLZ13B	1
ZD1072	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1150	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1151	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1152	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1153	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1154	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1155	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1160	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1161	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1

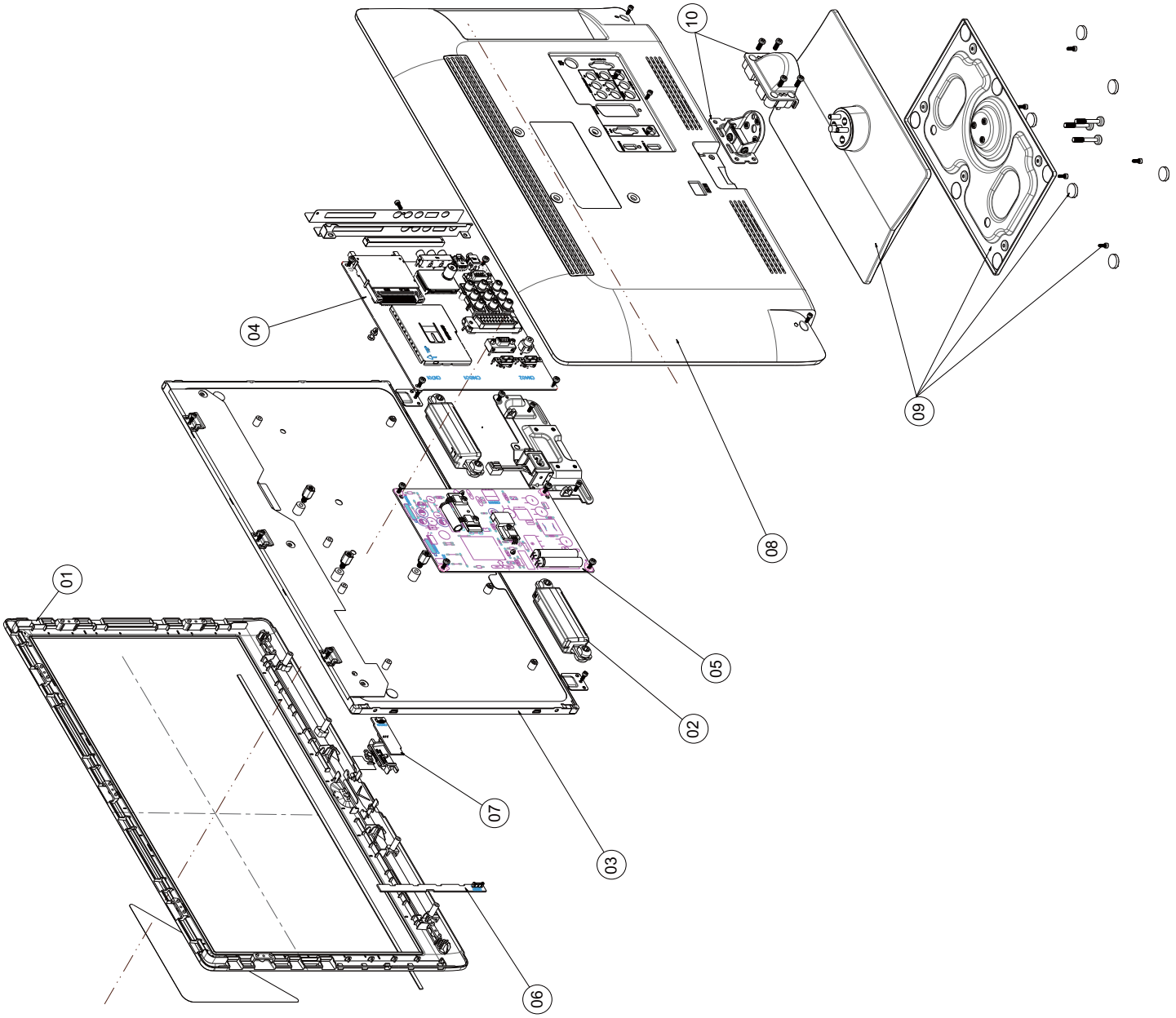
ZD1162	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1163	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1164	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1

[2] CABINET PARTS(LC-19LE430E)



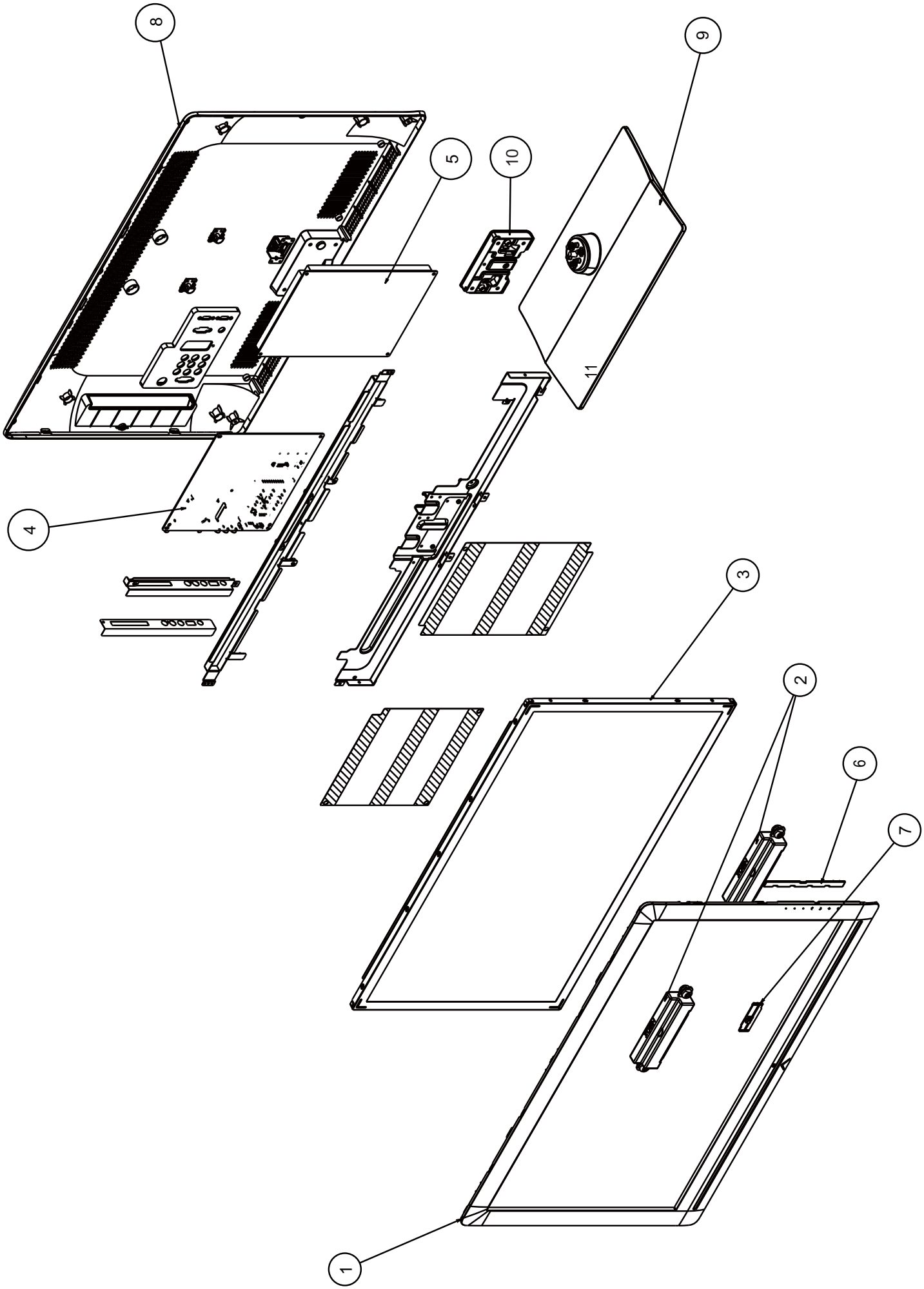
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-19LE430E(AUO))			
1	705TZASK711	9JR7050000445	BEZEL ASSY
2	078G035A 18 M	9JR7800000041	SPEAKER 16 OHM 3.5W 80X23 220/180
3	750TBU185X1D4HN000	9JR7500000054	LCD M185XW01 VDS0 WH AUO
4	705GZBCS010	9JR7050000463	MAIN PCB Assy(Panasonic tuner)
5	ADTVB4060PA2	9JR8900000009	POWER PCB ASSY
6	KEPFBAA1	9JR9900000150	KEY PCB ASSY
7	IRPFBAA1	9JR9900000148	IR PCB ASSY
8	705TZASK712	9JR7050000446	REAR COVER ASSY
9	705TZASK713	9JR7050000447	BASE ASSY
10	705TZASK715	9JR7050000449	COVER _NECK ASSY

CABINET PARTS(LC-22LE430E)



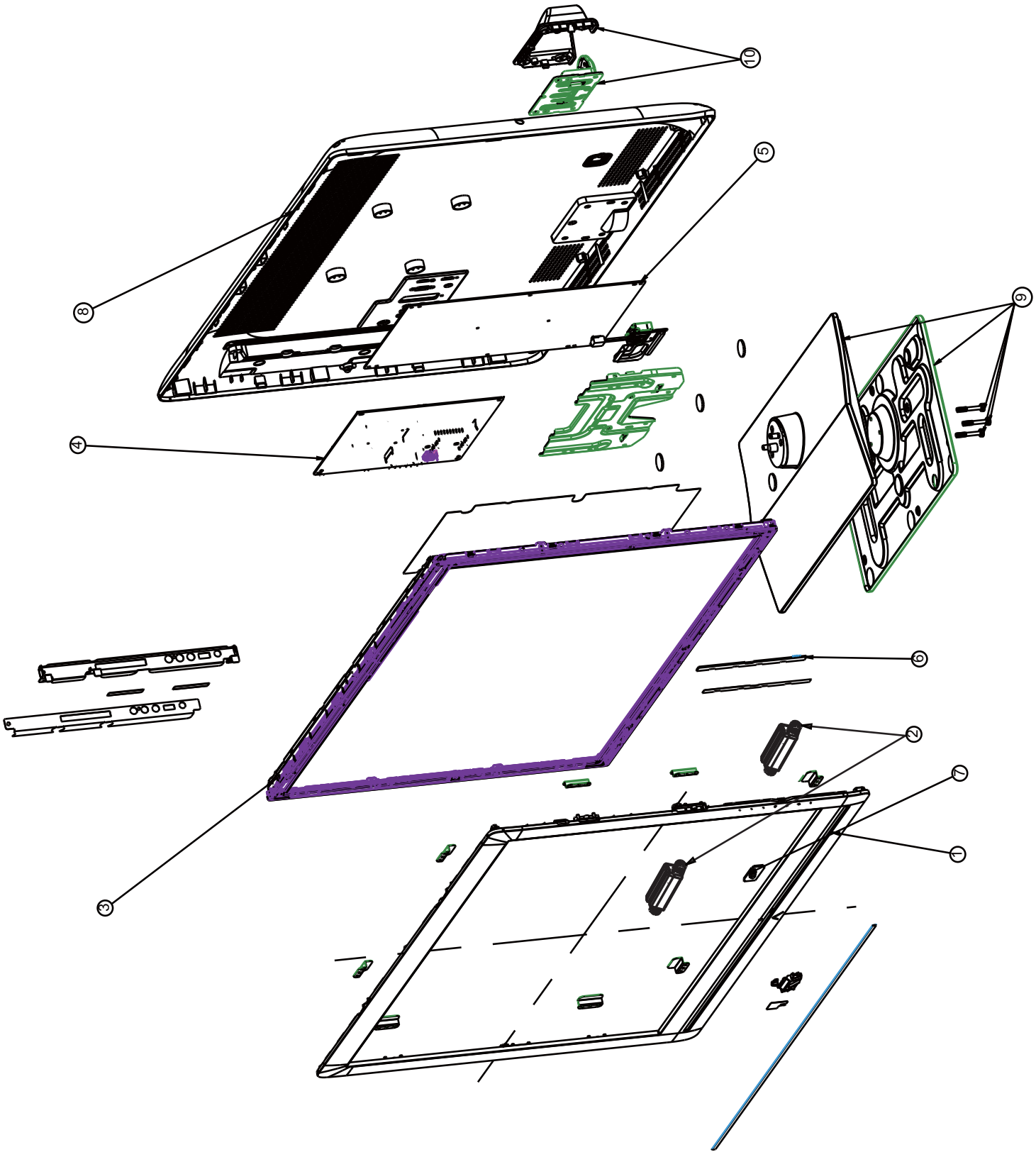
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-22LE430E(AUO))			
1	705TZA34609	9JR7050000441	BEZEL ASSY
2	078G035A 19 M	9JR7800000044	SPEAKER 16 OHM 3.5W 80X23 240/220
3	750TBU215H1B5HN000	9JR7500000058	LCD M215HW01 VBSB WH AUO
4	705GZBCS011	9JR7050000464	MAIN PCB Assy(LG TUNER)
5	ADTVB4060PA3	9JR9900000154	POWER PCB ASSY
6	KEPFBAA1	9JR9900000150	KEY PCB ASSY
7	IRPFBAA1	9JR9900000148	IR PCB ASSY
8	705TZA34610	9JR7050000442	REAR COVER ASSY
9	705TZA34611	9JR7050000443	BASE ASSY
10	705TZA34612	9JR7050000444	COVER _NECK ASSY

CABINET PARTS(LC-26LE430E)



NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-26LE430E(AUO))			
1	705TZASK753	9JR7050000453	BEZEL ASSY
2	078G055A 13 Y	9JR7800000047	SPEAKER 16 OHM 5.5W 130X25.8 220/320
3	750TBU260W6417N000	9JR7500000059	LCD T260XW06 V400 WJ AUO
4	705GZBCS012	9JR7050000465	MAIN PCB ASSY(Panasonic TUNER)
5	PLTVBG684APA1	9JR9900000155	POWER PCB ASSY
6	KEPFBAA1	9JR9900000150	KEY PCB ASSY
7	IRPFBAA1	9JR9900000148	IR PCB ASSY
8	705TZASK754	9JR7050000454	REAR COVER ASSY
9	705TZASK750	9JR7050000450	STAND ASSY
10	705TZASK752	9JR7050000452	BRACKET _NECK ASSY

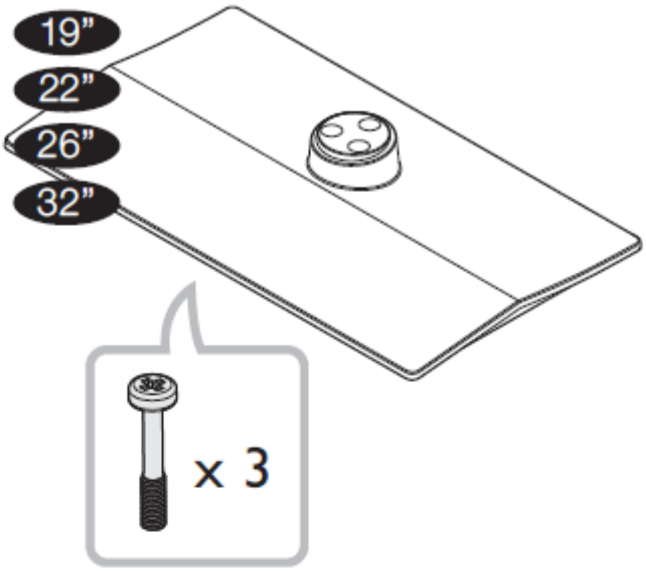
CABINET PARTS(LC-32LE430E)



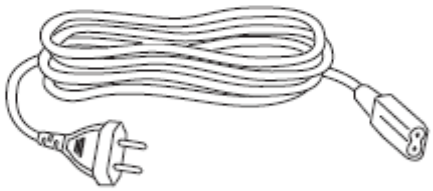
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-32LE430E(AUO))			
1	P34T0546ACNA1T0100	9JR3400000033	BEZEL _430_entry
2	078G120A 32 M	9JR7800000038	SPEAKER 16 OHM 12W 130X27.4 570/280
3	750TBU315W6312N000	9JR7500000055	LCD T315XW06 V301 SZ AUO
4	705GZBCS013	9JR7050000466	MAIN PCB ASSY(Panasonic TUNER)
5	ADTVB2404PA2	9JR9900000142	POWER PCB ASSY
6	KEPFBAA1	9JR9900000150	KEY PCB ASSY
7	IRPFBAA2	9JR9900000149	IR BOARD
8	P34T0543PAT 3T0100	9JR3400000032	REAR COVER _430_EU
9	705TZA34589	9JR7050000358	STAND ASSY
10	705TZA15018	9JR7050000355	BRACKET _HINGE ASSY

[3] SUPPLIED ACCESSOORIES

Stand unit and screws

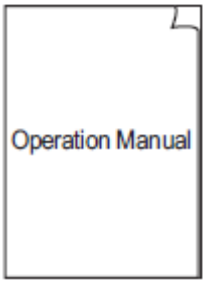


AC cord (x1)
Product shape varies in some countries

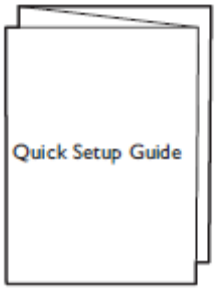


Remote control (×1)
AAA battery (×2)

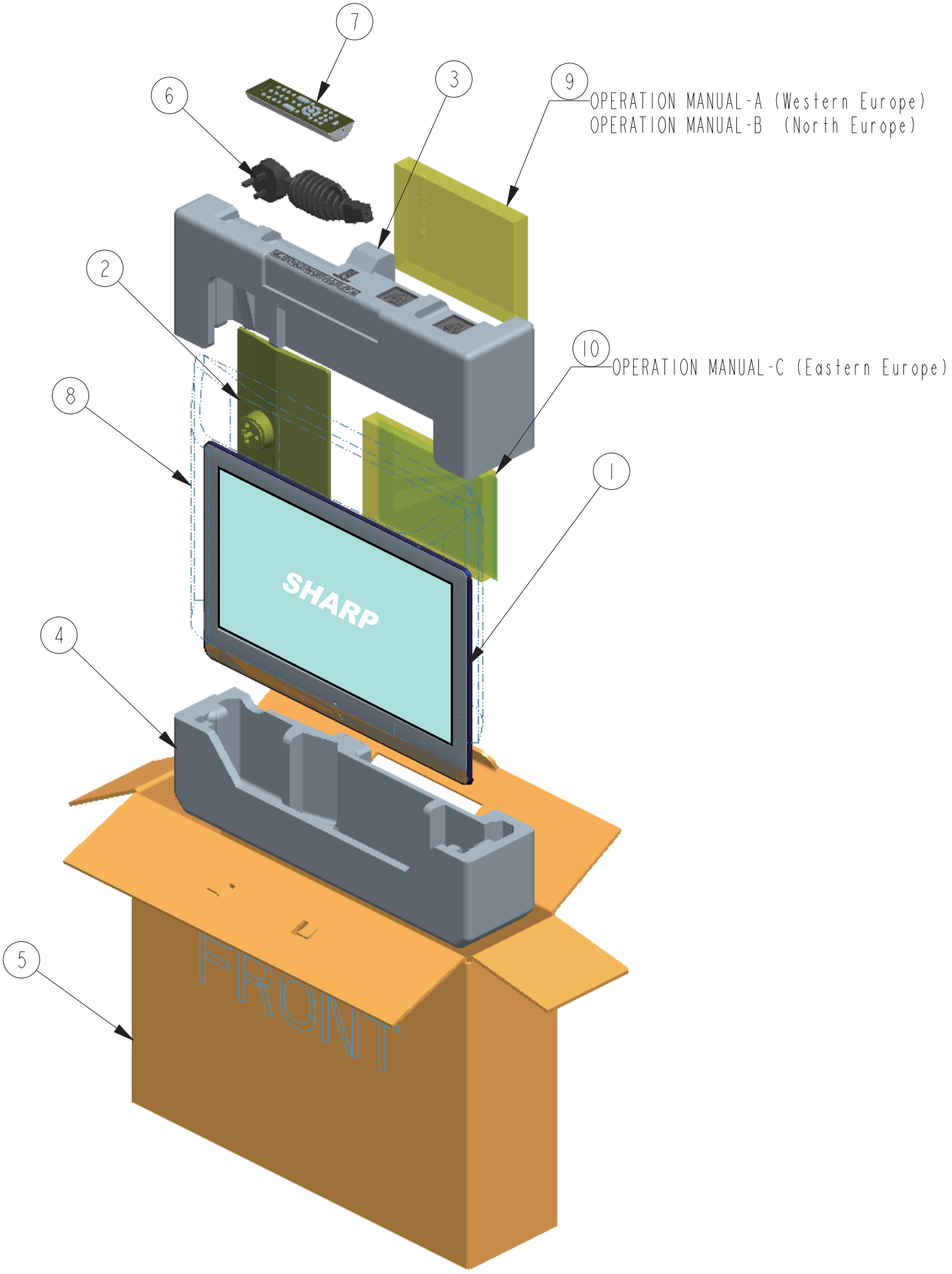
Operation Manual



Quick Setup Guide

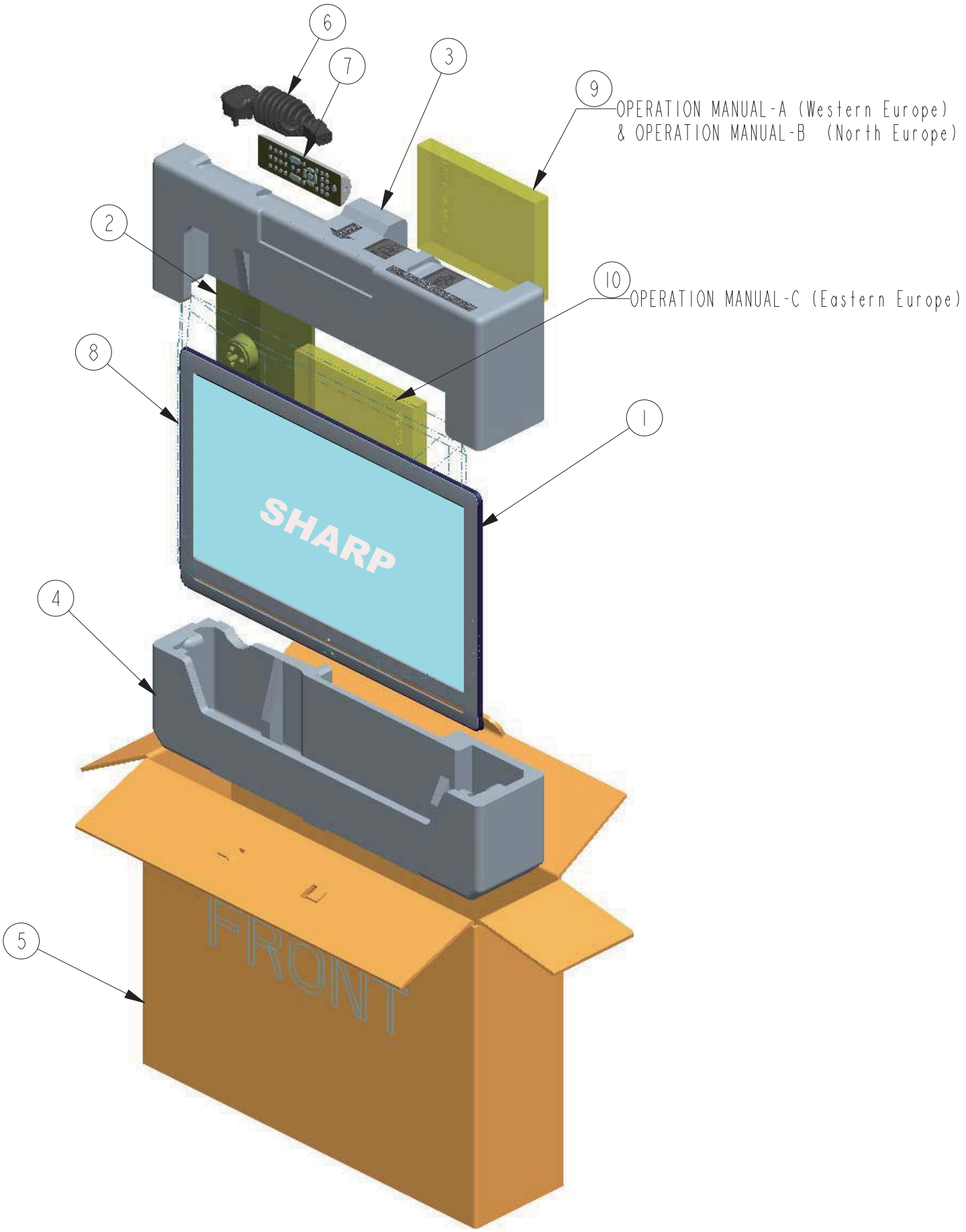


[4] 19" PACKING PARTS



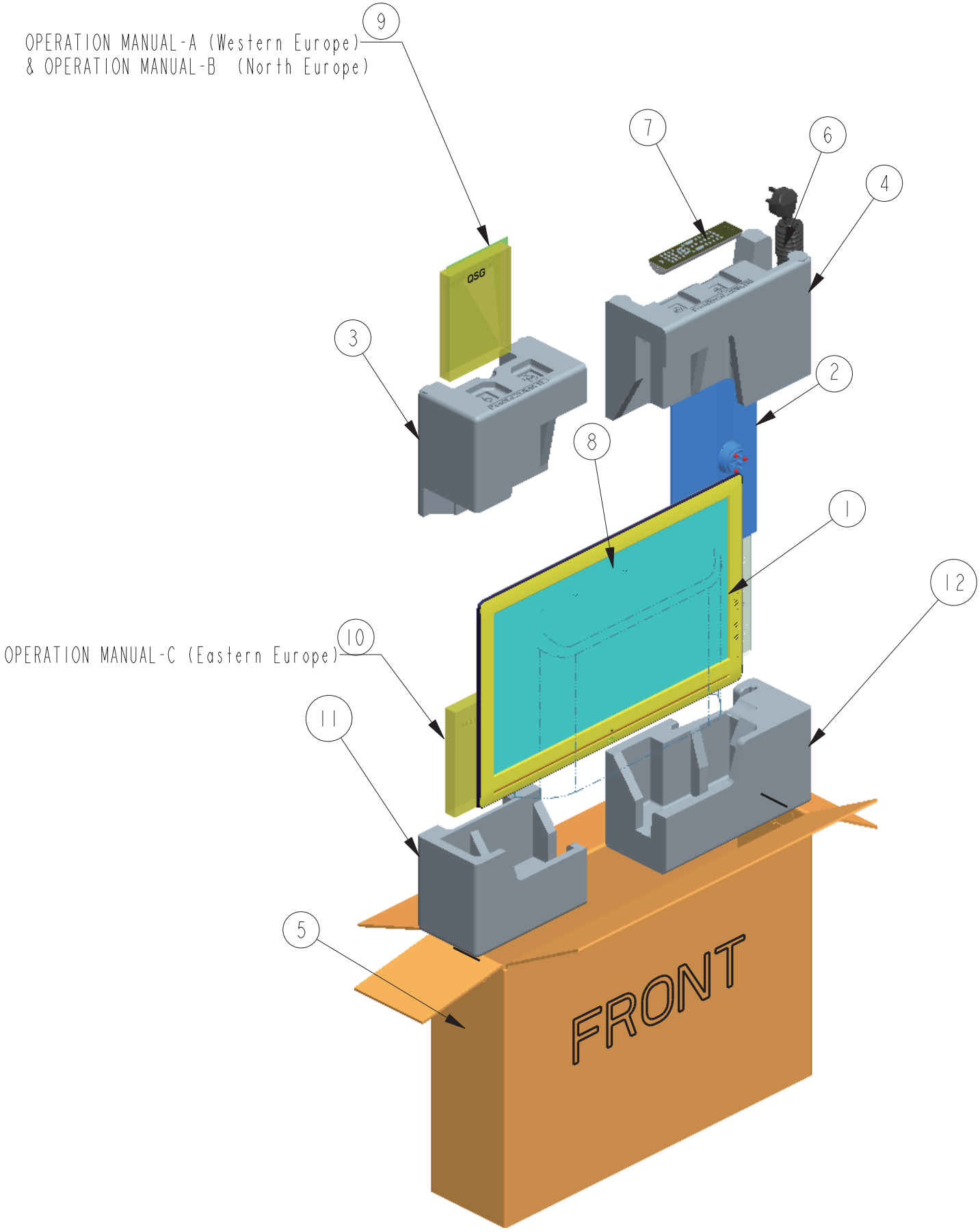
NO.	PARTS CODE	Sharp Code	DESCRIPTION
PACKING PARTS (LC-19LE430E(AUO))			
1			SET BODY
2	705TZASK713	9JR7050000447	BASE ASSY
3	P44G9023101	9JR4400000121	CUSHION EPS _TOP
4	P44G9023201	9JR4400000122	CUSHION EPS _BTM
5	P44G9023843 1A	9JR4400000131	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420
8	P45G 46026	9JR4500000010	PE BAG(560X450-0.72mm)
9	705TZA41C1A	9JR7050000359	DFU ASSY(Western Europe)(North Europe)
10	705TZA41C2A	9JR7050000360	DFU ASSY(Eastern Europe)

[4] 22" PACKING PARTS



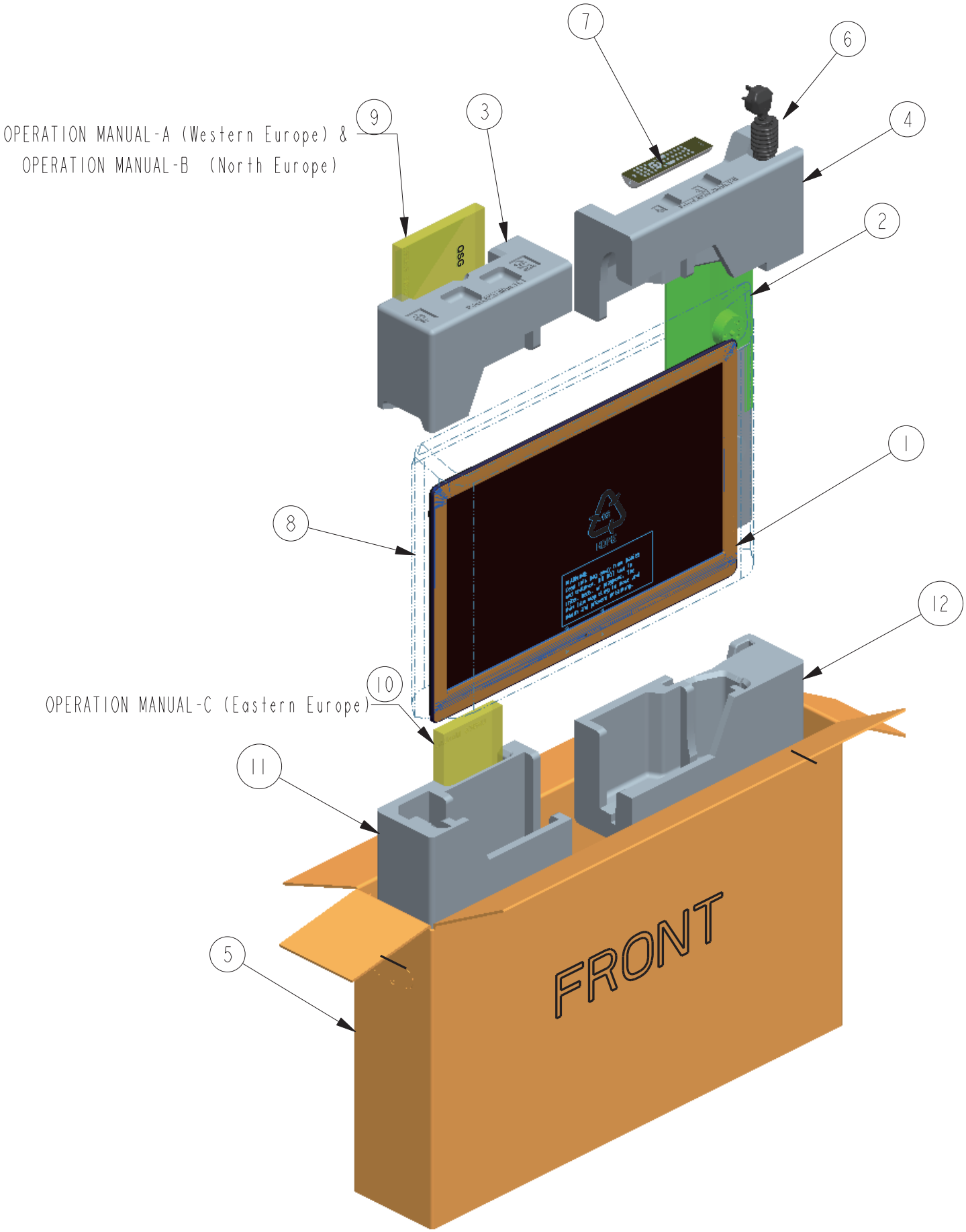
NO.	PARTS CODE	Sharp Code	DESCRIPTION
PACKING PARTS (LC-22LE430E(AUO))			
1			SET BODY
2	705TZA34611	9JR7050000443	BASE ASSY
3	P44GC008101	9JR4400000132	CUSHION EPS _TOP
4	P44GC008201	9JR4400000133	CUSHION EPS _BTM
5	P44GC008843 1A	9JR4400000134	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420
8	P45G 46026	9JR4500000010	PE BAG(560X450-0.72mm)
9	705TZA41C1A	9JR7050000359	DFU ASSY(Western Europe)(North Europe)
9	705TZA41C2A	9JR7050000360	DFU ASSY(Eastern Europe)

26" PACKING PARTS



NO.	PARTS CODE	Sharp Code	DESCRIPTION
PACKING PARTS (LC-26LE430E(AUO))			
1			SET BODY
2	705TZASK750	9JR7050000450	STAND ASSY
3	P44GE020101	9JR4400000135	CUSHION-TL EPS
4	P44GE020201	9JR4400000136	CUSHION-TR EPS
5	P44GE020843 1A	9JR4400000139	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420
8	P45T 46025	9JR4500000007	PE BAG(800X650-0.72mm)
9	705TZA41C1A	9JR7050000359	DFU ASSY(Western Europe)(North Europe)
10	705TZA41C2A	9JR7050000360	DFU ASSY(Eastern Europe)
11	P44GE020301	9JR4400000137	CUSHION-BL EPS
12	P44GE020401	9JR4400000138	CUSHION-BR EPS

32" PACKING PARTS



NO.	PARTS CODE	Sharp Code	DESCRIPTION
PACKING PARTS (LC-32LE430E(AUO))			
1			SET BODY
2	705TZA34589	9JR7050000358	STAND ASSY
3	P44GJ029101	9JR4400000124	CUSHION-TL EPS
4	P44GJ029201	9JR4400000125	CUSHION-TR EPS
5	P44GJ029843 1A	9JR4400000128	CARTON
6	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
7	098GRABD2NESPJ	9JR9800000005	REMOTE CONTROL RC-SHARP-420 FOR SHARP
8	P45T 46024	9JR4500000006	PE BAG(950X735x0.72mm)
9	705TZA41C1A	9JR7050000359	DFU ASSY(Western Europe)(North Europe)
10	705TZA41C2A	9JR7050000360	DFU ASSY(Eastern Europe)
11	P44GJ029301	9JR4400000126	CUSHION-BL EPS
12	P44GJ029401	9JR4400000127	CUSHION-BR EPS

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